



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

W.W. 1
Bunday

1. *On the 1st of January, 1863, the slaves of the United States were freed.*



THE
POCKET AND THE STUD.

(Signature)

M

LONDON :
SPOTTISWOODE and SHAW,
New-street-Square.

THE NEW YORK
PUBLIC LIBRARY

ASTOR, LENOX AND
TILDEN FOUNDATIONS.

LONDON :
SPOTTISWOODE and SHAW,
New-street-Square.

THE NEW YORK
PUBLIC LIBRARY

ASTOR, LENOX AND
TILDEN FOUNDATIONS.



From a Painting by Mr. H. G. ALLEN.

Fig. 49. H. G. ALLEN.

THE
POCKET AND THE STUD:

OR

PRACTICAL HINTS

ON

THE MANAGEMENT OF THE STABLE.

BY

HARRY HIEOVER,

— NEW YORK

Charles Bentley

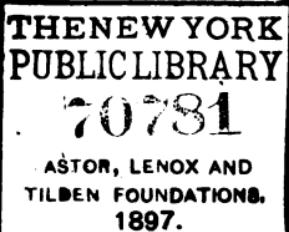
— LONDON:

PRINTED FOR

LONGMAN, BROWN, GREEN, & LONGMANS,
PATERNOSTER-ROW.

1848.

W. F.

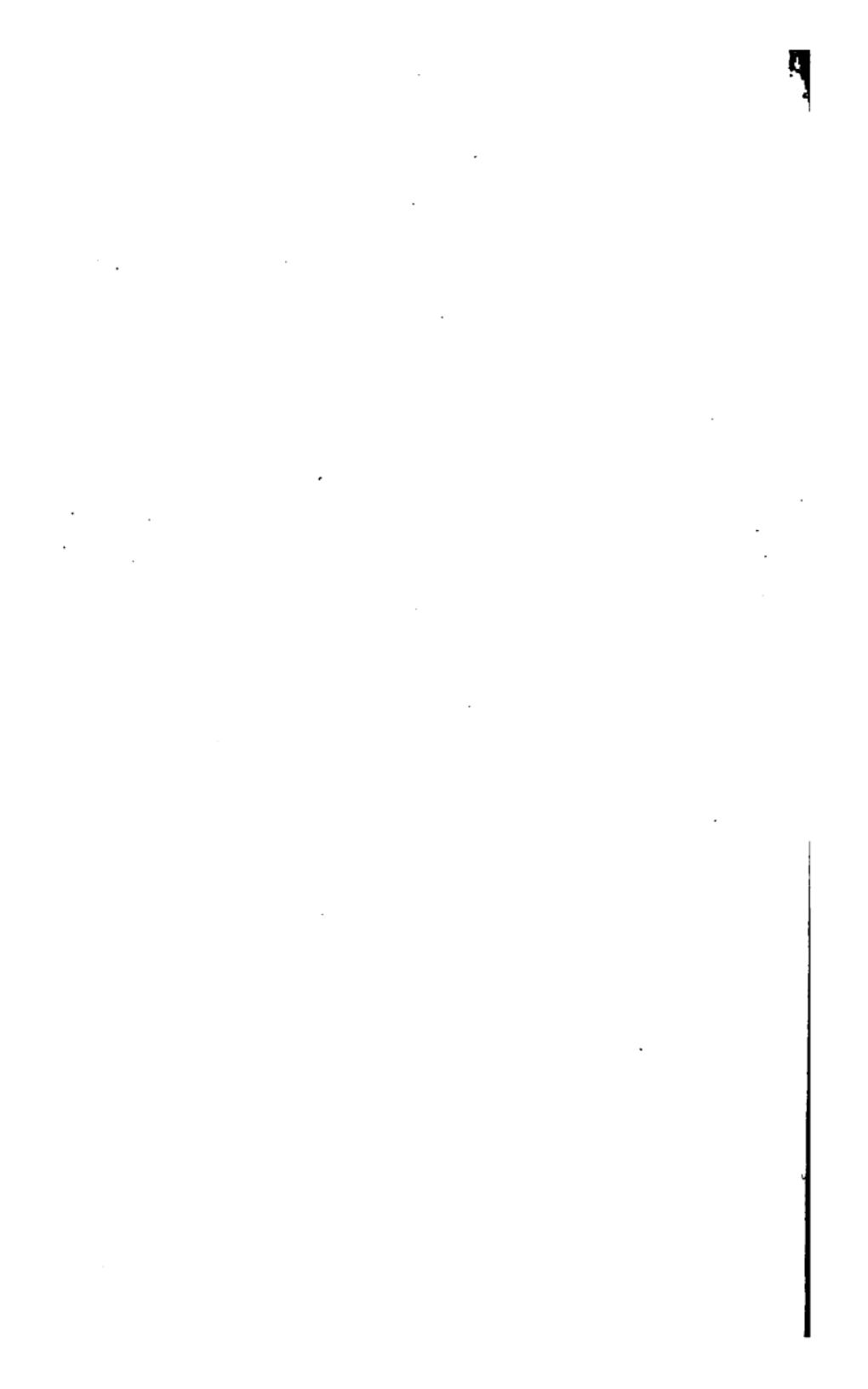


Mooy Wam
Alasli
Yiaiaiau

PREFACE.

WHENEVER a man ventures to give hints or offer advice to others on the management of their property or affairs (be the nature of them what it may), he lays himself open to a charge of both arrogance and presumption, unless he can bring forward a good reason for fancying himself qualified for the task, for it not merely implies, but plainly states, that he conceives he knows more about the matter than the generality of those for whose perusal he writes. It, therefore, becomes not only a matter of proper respect to them, but a duty he owes himself, to explicitly state that in offering advice he does not consider his qualifications for the task to arise from any fancied superiority or particular perspicuity of intellect, but from the very homely circumstance of *practical experience.* !

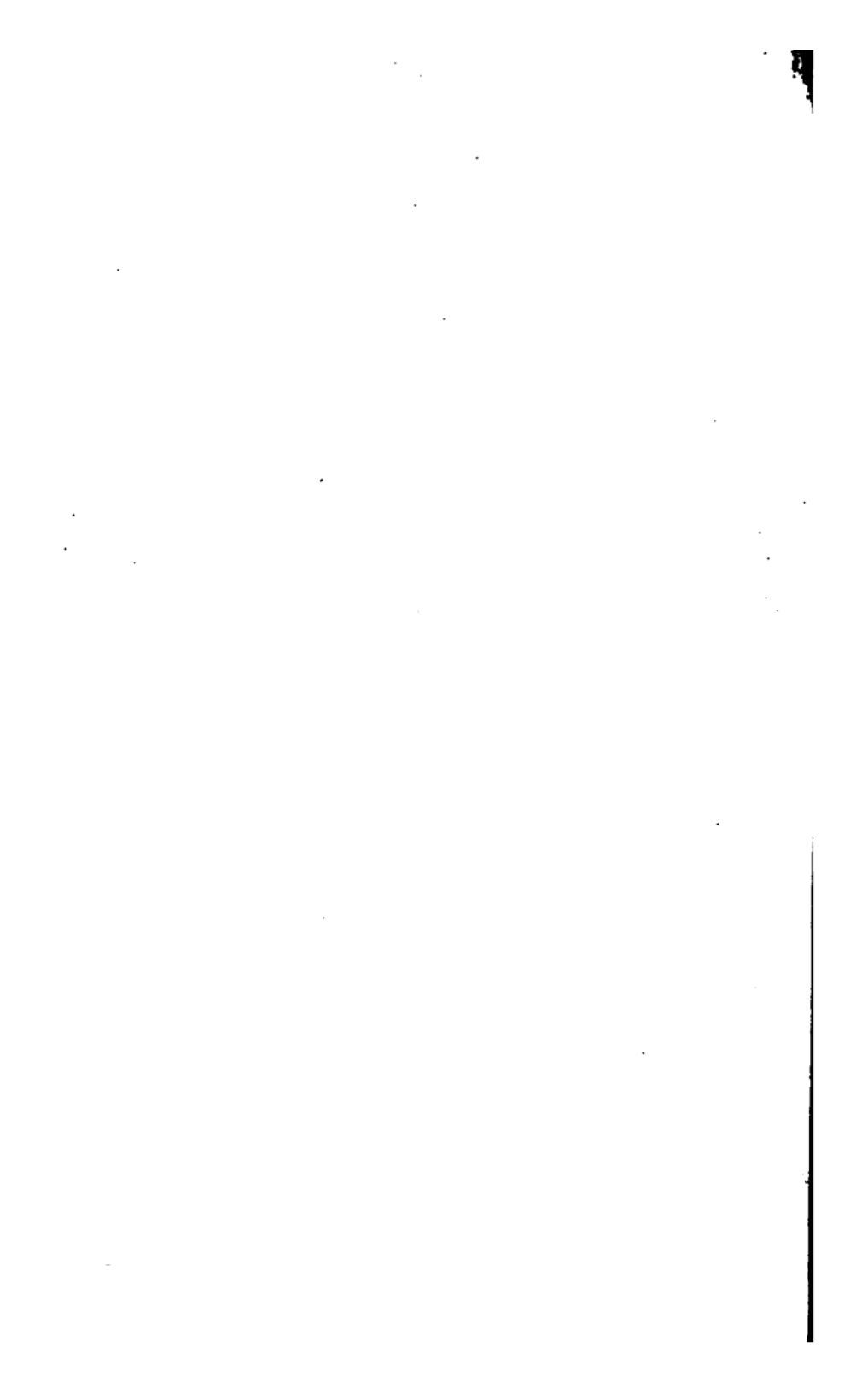
I feel that I stand in the very delicate position that I have described, in venturing to lay the



THE
POCKET AND THE STUD.

P. H. Sawyer,

M X



THE
POCKET AND THE STUD.

(Hieover)

M

LONDON :
SPOTTISWOOD and SHAW,
New-street-Square.

THE NEW YORK
PUBLIC LIBRARY

ASTOR, LENOX AND
TILDEN FOUNDATIONS.

time I must allow that I have dived into many curious scenes and places voluntarily, from mere curiosity. I have sipped Chambertin in a ducal residence, tête-à-tête with its noble owner. I have drunk half-and-half with Tom Crib in his parlour; I have dined in noble halls where aristocracy, beauty, and brilliancy dazzled the sight and charmed the senses; I have dined at farmers' clubs, where drink dubbed every man "a right good fellow," which stentorian lungs declared "nobody could deny." I have danced in princely drawing-rooms, and so "faith I have" at Donnybrook fair. I have been presented at more than one court; so I have at the racket court at the Fleet and Queen's Bench prisons. I have gone to very *recherché* dinners in the latter place, where two honourables, a noble lord, one of the most fascinating women living, myself, and one whose name we frequently see mentioned as about our present court, formed the party. So have I (when I had a farm on my hands) dined in a field on cold bacon on a lump of bread. I have had a stable full of hunters of my own, so have I stabled a hundred horses belonging to other persons. I have given tradesmen a check for their bill for follies that now I wonder at. I have received

one of another sort when in business for sending in my own. I have sold scores of my own horses when it was a matter of indifference to me whether I sold one. I have been twice—once for six and once for eight successive years—in a situation where hundreds of horses, some my own and some the property of others, passed every year through my hands. I have driven my own four horses; so have I scores of teams belonging to coach proprietors; so was I once, when very closely screwed up in pecuniary matters, very near driving one, as an addition to my limited means, with this very consoling addenda to any other feelings I might have on the occasion from the mouth of the worthy proprietor:—“I am sorry that just now I have no vacancy on a pleasant coach to give you, but there is the —— mail that poor —— was killed from last week, going through —— forest, where the road is always in a shameful state: if you would like that till I can get you a better I will put you on it with pleasure.” Though not a very particular man, I thought the share of pleasure on my part in undertaking a night mail that another had been killed from would be very small indeed; so this vicissitude has not been added to the many of my life.

Let me hope that this rough sketch will suffice to account, first, for any seeming incongruities in what I may have at *different* times written, but, above all, that it will show that, if early initiation in all horse affairs, constant practice, and consequent experience, can be admitted as an apology for a work containing hints and advice on such subjects, the intent with which it is written will be taken into the favourable consideration of the public, and plead in extenuation of any deficiency there may be in the mode in which it has been carried out.

CONTENTS.

INTRODUCTION.

	Page
The Author's Apology for instructing his Readers.—Advantages of Experience.—Obstacles in the Way of profiting by it.—Necessity of their Removal	1

CHAPTER I.

Suggestions as to the best Way of buying a Horse.—Advice of a judicious Friend indispensable.—Never buy for yourself.—How to choose an Adviser.—What Kind of Horse to choose.—Different Sorts of Dealers, Breeders, &c.	9
---	---

CHAPTER II.

Stable Management.—Ventilation.—Warmth.—Different Treatment for different Horses.—Dryness.—Wide Doors.—Stall Posts.—Racks.—Windows.—Balls.—Mangers.—Head Collars.—Collar Shanks.—Muzzles.—Lofts.—Objections to keeping Hay in them.—Different Materials for Stable Floors.—Causes of Horses hanging back.—Stable Drainage.—Stable Requisites.—Necessity of Rule.—Saddle and Harness Room.—Stoves.—Boxes	45
---	----

	Page
CHAPTER III.	
Different Kinds of Food.—Hay.—Straw.—Oats. —Beans.—Bran.—Malt.—Barley.—Carrots. —Chaff	- - - - - 108
CHAPTER IV.	
Stable Economy.—How to set about it.—Evils of improper Directions.—The right Sort of Instructions.—Ingenuity of Servants.—Choice of a Groom.—Ordinary Cost of Keep.—Ta- bular Statement.—Veterinary Surgeons.— When to be consulted.—Illustrative Anecdotes	143
CHAPTER V.	
The different Value of different Horses.—The best Judge of a Horse.—Cases in point.— The Price of Perfection	- - - - - 166
CHAPTER VI.	
Different Modes of keeping Horses.—Chaque Pays, <i>chaque</i> Mode.—The Kind of Horse best suited for different Carriages.—On Single- horse Carriages and Pair-horse ditto.—The pros and cons of keeping Carriage-horses and Hunters at Livery.—Jobbing of Horses.— Summary of the Work	- - - - - 184

THE POCKET AND THE STUD.

INTRODUCTION.

**THE AUTHOR'S APOLOGY FOR INSTRUCTING HIS READERS.—
ADVANTAGES OF EXPERIENCE.—OBSTACLES IN THE WAY
OF PROFITING BY IT.—NECESSITY OF THEIR REMOVAL.**

“ Prologue precedes the piece, in mournful verse,
As undertakers walk before the hearse.”

IN these words commences the prologue to a play: why should they not serve for an introduction to this volume, — not being so inapt to the subject as they may at first appear? First, then, in commencing a preface, I am an undertaker; and in beginning the work, I am an undertaker still. There is, however, this difference between us; I endeavour to make my work go on as cheerfully as I possibly can — my brother undertaker makes his proceed as mournfully as possible. He feels it his duty to walk before his work; whereas I see no advantage in my walking before mine, though I shall feel much flattered if others will only be kind enough to walk after it; not that in-

ducing them to walk is by any means its purport—quite the contrary, its aim is to tell them how to ride, with as little waste of money as possible. In this, I trust I lay myself under no imputation of conceit or arrogance; inasmuch as the chief part of the advice I give is, that they should act on that of others. In so doing I have, to the best of my judgment, done one of my duties to my readers. I suspect the wishes of my brother undertaker and my own differ materially as regards our friends, as I sincerely hope the day is far distant when I shall do my last duty by them.

Whatever may be a man's occupation in life, or whatever his possessions, there can be no doubt but that (setting aside the common contingencies of luck) the carrying on of his pursuits with advantage to himself, and also probably to others, depends chiefly on proper and judicious management; and, in like manner, the rendering of his possessions as valuable as their nature will allow, depends chiefly on the manner in which they are treated.

A vast number of persons find themselves so situated that their possessions, be they of what kind they may, so far from affording them pleasure or profit, produce but little of either, although they spare no expense in their management. It might be supposed that such persons would, at least, gain experience, as some equivalent for their

money ; if they did, the dearness of the purchase, or its reverse, would depend on how much that experience had cost, and how much it had been wanted. To many it would be cheap at one-half their fortune, for it might save the other. A great many do not get it so cheap. I know some who have spent about eighty per cent. of their capital, and, so far as I can perceive, have not yet got hold of any of this valuable commodity (experience); or, at least, if they have, they do not seem to make use of it. I conclude they excuse themselves for doing this, as a well-known character in Leicestershire did for not stopping, on his friend getting a most desperate fall. Being asked if his friend was not seriously hurt: "I should think he was killed," said he, "from the way I saw him lie ; but the pace was too good to stop."

Now with respect to gaining experience by constant loss, the fact is, many do gain it; but what they do gain is not of the right or useful sort. They merely gain that which tells them they are losing money ; but they do not gain that which would make them act more judiciously. And why they do not is very easily accounted for. Instead of attributing their losses or disappointments to any error in their management, they will generally impute it to their ill-luck, and in a certain degree they are right ; but their ill-luck consists

in something very different from what they suppose, or wish to be supposed.

We will suppose a groom puts on a horse's hind collar in such a way that, if the animal merely rubs his head against the manger, the collar comes off; he gets loose, gets kicked by another horse, or in some way gets hurt; a veterinary surgeon is sent for; the horse remains for weeks unable to work; a heavy bill comes in; and after all the horse is blemished. Case the first.

As soon as the horse is got into work, the owner rides him to a friend's house, where he intends dining; is somewhat late, so rides fast; gets the horse heated, gives him to any person who comes to take him on his arrival; no particular direction or caution is given; the horse, as a matter of course, gets cold. Again comes the veterinary surgeon; and as of course came the cold, so of course comes the vet.'s bill; whether of course it is paid is another matter, and not to our purpose here. Case the second.

The owner now wishes to drive this same horse in harness; the groom undertakes his management. He is, perhaps, put into a gig at once. "Oh, Sir, he won't kick;" but he does. "Who would have thought it!" Why any one knowing anything of putting horses in harness would have thought it very likely that he would; for his being "quiet as a lamb," is no guarantee that he would not

kick the first time he was put in ; he does, and lames or scarifies himself. Case the third.

“ What an *unlucky* brute that is,” exclaims the owner ; “ he is always getting into some mischief.”

“ How very *unfortunate* you are with ALL YOUR horses, James,” cries the *cara sposa* ; “ why they cost you as much in surgeon’s bills as in their keep ! ”

The owner and the lady are both right in what they say, though their correctness is so in a different way from what they mean. The horse is an *unlucky brute* to belong to one who knows little of the management of horses ; the gentleman is *unfortunate*, in trusting to that management. Perhaps some of my readers may recognise such a case. The ill-luck is their not knowing how to manage better. This they will never know, so long as they hold so erroneous an idea as to the nature of their ill-luck ; for while any man can flatter himself that he is managing *anything as well as it can* be managed, he would conceive it not only to be an act of supererogation, but of absolute folly, to attempt to manage it better. For there is nothing hypothetical in the idea, that if a thing is done *as well as it can* be done, it cannot be done better ; and this conviction is very rife amongst persons who do *anything*, when estimating their own qualities.

This very prevalent idea may appear to border very closely on over-weaning vanity on the part of those who entertain it, but candour must induce us to exculpate many of such persons from so serious a charge ; for, if we fairly consider the case, it requires a good deal of time, practice, observation, and modesty, to teach a man that he really is managing *anything* badly. He may find that what he manages does not answer his wishes or expectations ; but unless he has, or seeks the opportunity of seeing another person's mode of managing the *same* thing, and also sees it succeed under a different management, what is to tell him that his own mode is and has been wrong ? Practice and good sense combined may in time, certainly, show him his errors, and teach him to adopt other and perhaps better modes ; but this does not even follow by any means as a matter of course — “ *cælum non animum mutant qui trans mare currunt.* ” A man in doing anything may *change* his mode ; but if acting only on the suggestions of his own mind and invention, he must be more fortunate than his neighbours, if he does not find it necessary to make several alterations in his plans before he produces one solid improvement. Practice and experience, though very sure, are generally very slow and very expensive teachers ; and if a man sets out with general mismanagement of anything, though time and practice may eventually

get him in the right road, he will find a strong purse also necessary to back him on his journey ; and with all this, he will still remain in error, if he continues to attribute his failure to *ill-luck*. He would, under such impressions, only blunder on in the wrong way, and would not change his plans ; by doing which he has at least the chance of hitting on a good one, or some better one at last.

A man with a less extravagant opinion of his own abilities would neither continue long in any habitual error, or even trust to himself in adopting other modes, if he could avail himself of the advice or suggestions of those of more experience and practice ; for it does not follow that he must look for a man of superior mental attainments to himself in order to derive benefit from his advice. He may feel perfectly satisfied that the qualities of his own mind are infinitely superior to those of his adviser ; for a little common sense would teach us that, however great may be our natural abilities, and however highly they may have been cultivated by education, a common plumber's labourer might be able to give us a lesson in hydraulics that would excite our surprise, or, at least, our curiosity and admiration. It is true, the plumber's man may make sad havoc even with his mother tongue, and, if he were told that the Missouri emptied itself into the Caspian Sea,

would, of course, believe it. He is not one to apply to for geographical information, we must allow; but the man of education need not laugh at the other's ignorance. If he did, I would ask him if he could oblige me by putting on a sucker to my pump? Not he, for the life of him; though a bit of leather and nails are all that is wanted. If, therefore, he wants to interfere with pumps, he had better seek information from others before he puts them out of order by adopting his own ideas, and pursuing his own plans in matters that he knows but little about. It is much the same with horses.

There are many persons to whom I stand in the position of the plumber, as well as of the chronometer mentioned in the preface. To such I offer no apology for soliciting their attention to these pages; for in this case, I trust, I am not guilty of presumption. Nor do I offer any apology to those who know more of the subject than myself; for, of course, I do not write for their instruction.

CHAPTER I.

SUGGESTIONS AS TO THE BEST WAY OF BUYING A HORSE.—
ADVICE OF A JUDICIOUS FRIEND INDISPENSABLE.—NEVER
BUY FOR YOURSELF.—HOW TO CHOOSE AN ADVISER.—
WHAT KIND OF HORSE TO CHOOSE.—DIFFERENT SORTS
OF DEALERS, BREEDERS, &c.

LOOKING at horses in a general way, so far as they are kept by gentlemen, we must chiefly regard them as objects of show and amusement; for though utility may also be added, this is but a secondary consideration with such persons in their inducements to keep them. Whether, however, we consider them as objects of luxury or utility, or as both, the keeping them in the best health and condition becomes an object of material moment—as regarding kindness to the animal, vanity as to his general appearance as belonging to ourselves, and also as a matter of pecuniary consideration; for I do not know any saleable article whose price is more enhanced or deteriorated by its appearance than the horse; and that appearance, barring accident or illness, depends wholly on the mode in which he is treated; and, in fact, both accident and illness greatly depend on his treatment also. If it was

not so, why do we daily see one man losing heavy sums by his horses (independent of their general expenses of keep, attendants, &c.); another losing only the amount of those general expenses; a third making them nearly keep themselves; and a fourth making them do this altogether, and also occasionally putting something in his pocket by them? This all arises from the different way in which these different men first *buy*, and then *treat* their horses.

All men, or at least ninety-nine out of a hundred, who can ride or drive a horse decently, are fully satisfied that they can also buy him. Now, though riding or driving *moderately* well is not a matter of very easy attainment, or learnt by the generality of those who keep horses, and though to do both well falls to the lot of very few indeed, the buying part of the business is far more difficult still: yet such is the infatuation of most persons, that though they find they rarely, if ever, buy a horse fitted for their purpose, and, as a matter of course, lose heavily by all that are not, experience seems entirely thrown away on them, and they persevere in buying for themselves to the day of their death — the only circumstance that could prevent their still going to market.

There are certainly some men who, if they are in want of a horse, but really know little about the matter, will ask a friend, perhaps a first-rate

judge, “to look out for them ;” that is, they are disposed to honour such a friend by permitting him to trot about to twenty different dealers’ stables, and see perhaps forty horses out, and for what ? That the purchaser may then go and pass his judgment on these same horses ! I do not know what such gentlemen may think while making such a request ; but this I know, unless a man had made up his mind to the honour of becoming their groom, I should certainly recommend him to decline that of being their tout.

I scarcely know a piece of greater impertinence than that of a man who is in want of a horse asking another, in the common term, “to look out for him.” One might certainly, without giving any offence, say to another, “I want a brougham horse, and should like such a colour and size, and intend going to such a price ; if, in your walks or rides, you should happen to see anything of the sort, would you oblige me by dropping me a line, saying to whom he belongs ?” to which may be added (whether true or not), by way of a sweetener, “If you tell me you think him a clever one, I shall, I am sure, like him ; and I dare say buy him.”

Here is merely a little friendly and gentlemanly commission given from one man to another ; no trouble given to a friend to save your own, and as the friend does not, in such a case, select the

animal or tell you he is one he recommends you to buy, you pay him no ill compliment in not doing so.

It is true there may not be many men on whose judgment we should choose to rely; that is, there are very few men whom one that is a good judge himself would depute to buy *him* a horse; but supposing a man is not a good judge, and is not fortunate enough to possess a friend who is and would undertake the task of purchasing or advising, in that case, supposing the person wanting an animal knows some one who he is aware is not a first-rate judge, but is still a better one than himself, he would do better to trust to him than to go to market himself, inasmuch as it would be better the friend should buy him a horse a little thick in the wind, than that he should buy one for himself with the same complaint (or some other), and a little down in his eyes into the bargain.

I have been told that, as a child, if I was shown anything, my first exclamation used to be, "let me do that my own self;" this held good in doing anything, whether it was to me possible or not: no doubt the general result of this was cut or bruised fingers, ending in a lusty roar. Still it did not cure me; I was at the same thing on the next occasion presenting itself. Perhaps some of my friends and acquaintance of mature age may.

be actuated by the same desire of doing certain things themselves, with equally unfortunate results.

I have an acquaintance who boasts that he never does anything without *getting* the advice of his friends. This is quite true: he does not. He *gets* it, but no one who knows him will ever accuse him of *acting* on any one's advice but his own; and if one may judge by the results of what he does, I should say his counsellor has not usurped all the wisdom of the bar for the benefit of his client. I could say pretty much the same thing of many of my friends, who retain the same counsel when purchasing their horses.

The office of purchasing *anything* for friends, is one that a sensible man would certainly rather avoid than seek; for should he, in point of quality or price, by superior tact or judgment, save a friend thirty, forty, or fifty per cent. in the purchase, he would first find it difficult to persuade that friend that he had done so, or that the friend could not have done as well for himself. Then, should the horse or article purchased turn out ever so well, he will barely get thanks for what he did; but should he or it not realise every expectation formed, he will not only get constant and sundry direct and indirect hints on the subject, but, worse than all, will probably find that he will be expected to turn salesman. Should he

get the purchase off without loss, all that will be thought is, that it was no more than his *absolute duty* to do so. If any loss accrues, it will probably be delicately insinuated, that had the friend purchased for himself this would not have happened: though it may be perfectly well known that he never made a purchase in his life by which he did not lose. But then, of course, that all arose from *ill-luck*, not from want of judgment—for this is a want to which very few are subject, when judging themselves; though their thinking so is the best possible proof that they do labour under such deficiency.

Notwithstanding these stumbling-blocks in the way of obliging another, no man of good feeling or good-nature would, where his judgment was properly appreciated, refuse to purchase for a friend if, from any circumstance, his doing so would render a service; but, then, purchasing for a friend is quite a different thing to playing jackall and starting the game for Mr. Lion to select from, or forking out the chesnuts to save Mr. Pug the risk or trouble of doing it himself. To be requested by a friend to look at a horse *he* has found is a compliment: to be sent to find one for the friend to look at is diametrically the reverse.

Now, if a lady flattered me by a commission to find her a horse, the case would be widely different,

— I would not object to find her a hundred, if I could, to select from. With nineteen ladies in twenty the look of the animal is a matter of paramount importance. A particular mark, shade of colour, mane, tail, ears, legs, even countenance, are all scanned, as each fair equestrian has her own ideas and predilections as to what are beauties, or the reverse. Then the style of going is another consideration; for it is not altogether whether the animal goes well, but whether the going suits the lady's ideas. It is not necessary that a horse should be altogether of a good sort, to be very clever as a lady's horse; for beauty, safety, and pleasantry is all that in ordinary cases is requisite. If I picked out twenty horses, each of whom I knew would carry a woman well, if a lady objected to every one, I should feel in no way mortified or offended; for the fact would be, they would not be objected to as unfit for the purpose, but merely because they did not hit the taste of the lady. The other qualifications she leaves to be appreciated by those more informed on such matters.

A man may say he has a right to please his taste in horses as well as a lady. No doubt he has so; and if he looks out for himself he may look at all the horses on sale in London, if he pleases, till he becomes, like some I know, who are such marked men among dealers, from the numbers they look at without buying, that it is with

reluctance a dealer will order out a horse for them to look at. However, so long as such gentlemen do not attempt to trouble others to be on the "look out for them," it is all well enough; but though a man may be disposed to humour, and get dealers and others to humour, the caprices of a woman, he must be of a much more accommodating disposition than I, or, I should say, most others, if he would do the same for a man.

But we will suppose a man wishes to avail himself of the better judgment of another person, yet, at the same time, reasonably enough, wishes to indulge his own taste as to general appearance. Let him get the person, whose judgment he wants, to take a walk with him, and as he will see all sorts, he has only to show the style of horse he likes for certain purposes: the thing is then easy enough.

Supposing a man to be a known first-rate judge, there are two distinct classes of persons for whom he may, in a general way, safely purchase, without subjecting himself to the several disagreeable results I have mentioned. First, a man who is a perfect judge himself; for, if from want of opportunity, time, or any other cause, he asks an equally good judge to purchase for him, he will mention (if it is not already known) the style of horse he likes for any particular purpose, then the purpose for which he is wanted, and the

price he intends to give ; or, what is more usual among such men, will send up a check or the amount of money for the purchase. Such a man knows horses too well to expect you to send him *perfection* ; but he will feel certain that the horse sent him will be fit for the intended purpose, and the purchaser will feel equally certain that what he does send will be properly appreciated, if the horse does not quite answer expectation. Knowing, as he does, all the difficulties of the case, there will be a proper appreciation of the pains taken and judgment used in the selection. If, from any *peculiar* whim or fancy of the owner, the horse does not quite suit his wishes, he will have sense enough to lay the blame on himself, and not on the purchaser ; and should the horse even turn out bad or unfortunate, the same sense will tell him that the same thing, or some other, might have occurred had he purchased for himself ; nor will his confidence in the purchaser's judgment be at all shaken by the circumstance. These are by far the pleasantest of all men to have to act for.

The other is the case of one who knows nothing *at all* about horses, and has sense enough both to know and admit that such is his situation. He will also mention the purpose for which he wants the animal ; may, perhaps, state the colour he would prefer, or the size, or about the size he

wishes, if necessary : he will know that if he states the purpose to which the horse is to be applied, and whether show or use, or both combined, be wanted, the proper horse for the purpose will be sent him, whether it is to carry eight stone or eighteen, to draw a brougham, or a pony carriage ; possibly, nay, most probably, the horse sent will be quite a different sort of animal to the one he would have purchased for himself. In fact, the one being a judge, and the other no judge at all, it is twenty to one but it will be so ; for if not, there would be no use in employing another person. What is, however, generally the result ? He finds the one sent carries or draws him pleasantly and safely ; he has got what he wanted for his use, and probably writes and tells the purchaser he would not take twice the money given, if it was offered him, to part with his purchase. He would be quite right in refusing it, unless the same judge would good-naturedly undertake to get him another, and even then he would be wise to hesitate. It is bad economy in a man, who is not conversant with buying and selling, to part from anything that suits him for profit on its sale ; nor should a man that is suited ever part from a horse which, taking him on the whole, does his business well and comfortably, under the idea of getting *perfection*. He will not get it, though dealers may assure him that he will.

They live by keeping alive his hopes in this particular : let him give money enough, and change often enough, he will be ruined by it.

My first, best, and most strenuous advice to any man wanting horses, not being a thorough, good, practical judge, yet wishing to keep the money together, I shall write in large characters—

NEVER BUY FOR YOURSELF.

I am quite satisfied that most men who *are* good judges would, if they studied their pecuniary interest only, very often do much better by letting an equally good judge buy for them, than by purchasing for themselves. I have an acquaintance whom, if I wanted a hunter, or, indeed, any sort of horse, I would certainly get to purchase for me with quite as much confidence in his judgment, indeed, I will say more than I should have in my own in such a case. I should at once send him so much money ; beg him to give that, less, or more if I could afford it, and send me the nag. If on seeing him I did not quite like his looks, I should be certain there was a something to fully make amends for any little falling off in this particular. If on riding him we did not seem comfortable together, I should be satisfied it arose from some want of management on my part, and I will be bound I should find myself right in confiding in my friend's judgment.

I must correct what I perceive I have said in one particular. I have stated that I would rather take my friend's opinion of ANY horse than my own. If I had added of any *really good sort* of horse, I should have been right; but if I wanted a selling, money-making direct, *London* horse, I would in such a case prefer my own judgment and taste, simply for this reason,—I have had more of such horses pass through my hands, and think I know London taste better, from having mixed more among a certain class of society than he has, — a class who would regard show and fashion before intrinsic worth or merit in their horses, or, indeed, in many cases in their acquaintance. Such is precisely the sort of horse my friend is not a judge of, and is the reverse of one he would own, or purchase for any one else. He is a capital sportsman, capital judge of horses, and, moreover, a capital fellow, but hates worthless animals in horse or man, though both may be *turned to account* in London by a man who knows how to manage them, and this is all such horses or such men are fit for. In saying that good judges would often do well in letting an equally good judge purchase for them, it must be observed, I say their *pecuniary* interest, without reference to their amusement, their whims, or caprices. As a proof of this, it is quite well known there are many men who have been employed by dealers

to go to fairs and other places, to purchase horses for them, and have always on the average bought well for their employers. These men have turned dealers, and when buying for themselves have been as unfortunate and injudicious in their purchases as before they were successful and prudent. I know one most respectable person who has rung the changes on being dealer's man and dealer himself several times over. He never succeeded for himself, but always did so when employed for others.

The fact I have stated must at first appear somewhat unaccountable; but a little consideration will show that it arose from a very natural cause. I have said the person was a respectable man; I need not, therefore, say he was an honest one. Why he did not succeed as a dealer did not arise from ill-luck, imprudence in his business, or from not being a good salesman; but from *buying* badly for himself. The cause was this. No man knew better the kind of horse to buy *to pay*; and when employed for others, his good judgment and honesty never allowed him to buy any other; but when laying out his own money, he departed from those fundamental rules that should invariably guide every man in purchasing to *make money*, or, at least, to avoid loss. He would sometimes give an imprudent price, because he *fancied* a horse; sometimes would let a money-making horse escape

him because he did *not* fancy him ; and at other times would be tempted by a comparatively low price to buy one that his judgment condemned. But when acting for others he allowed no whim, fancies, or price to hoodwink his good judgment as to what ought or ought not to be purchased. If, therefore, such a man would allow fancy to mislead—in fact, direct his judgment, what may we not expect one to do who does not buy expressly for sale, and is not an experienced buyer ?

Many a good judge is often so captivated by some peculiar point in a horse, either as to beauty or qualification, that he is tempted to buy him against his judgment ; he has a right to do so if he can afford to pay for his whim, but he would not buy such a horse for another. In laying out the money of another person, or in giving advice to another, he would only look at intrinsic value ; that value might consist in beauty, or action, or both ; but he would use his best efforts to get his friend or employer value for his money—in short, would only buy a horse likely to “keep the money together.”

If a man fell in love with a beautiful face and faultless figure in woman, accompanied by the temper and disposition of a very fiend, perhaps nothing could induce him to forego possessing his idol ; but, where his senses would not be so fasci-

nated, he would not select such a one as a wife for a friend. I have seen good judges thus infatuated with a horse who, taking him in all particulars, was about as desirable an acquisition in *his* way. This is another idol. I congratulate the man who gets both ; but, looking to the latter only, if good judges, when buying for themselves, will sometimes get into such scrapes, what have the bad ones to expect ?

The man who is not a horseman must further bear in mind the very different situation in which he will stand if he gets a horse that does not suit him, to that of the man who knows what he is about. If the latter gets hold of a horse with certain failings, he knows how to cure or palliate them ; or if not, to so far hide them as to enable him to get rid of them, and the brute with them. The man who is not a horseman can do neither. Whatever the faults in a horse that he may purchase, they will be shown in all their deformity ; very probably be made worse. Tattersall's, "to be sold for what he will fetch," is the only remedy. There some other Mr. Green gets accommodated ; the original one (notwithstanding the lesson) no doubt going to market again ; he will then probably get the significant colour changed, and he gets done Brown. This *do* possibly makes him look very Black, till he again sells, and again buys one who, on his mounting

him, makes him look very Pale, and throws him. This makes him Black-and-blue: he sells him, and gets another *bargain*. Before mounting, he looks at his bruises; he finds *they* are Green; and when he is mounted, the people look at *him*, and declare he is Mr. Green again. I have given what I know to be good advice to such persons; that is—not to buy at all. If, however, they are determined to run the risk of doing so, I will tell them the only sort of horse they will have a chance of not losing much by; and, on the other hand, the sort by which they must lose.

Every man knows the purpose or purposes for which he wants a horse; but as possibly he does not know the sort fit for the purpose, let him at least show this much judgment—let him buy one that has been satisfactorily doing the same sort of work he wants him for, and one that has been seasoned to it. Such a horse, from many circumstances, he *may* have the opportunity of buying at a fair price; in short, at something like his ordinary value. I am now only alluding to road horses, for we will not suppose any man insane enough to contemplate buying hunters unless he is a good judge of them; and, indeed, unless he is this, and a good horseman to boot, he will have no occasion, or, I should think, inclination to possess them. Mrs. Glass says, “first catch your hare;” but she supposes you to be

already a cook, otherwise she would probably have said "first make yourself a cook;" so I should say, first make yourself a horseman, then get the hunters.

When I recommend the tyro among horses only to buy such as he has seen doing in a satisfactory way the description of work for which he wants them, I must give him another caution, and that is, to consider whether he is judge enough to decide whether the horse *has* done this work in a proper manner; for a satisfactory way, as the term is here applicable, renders it by no means a definite one; as the question may be put, "*satisfactory way*" to whom? For if it is only satisfactory to a person who does not know how work ought to be done, the buyer may get possession of a brute that he will not find it very easy to get rid of under considerable loss. Doing work as it ought to be done, and only doing it somehow, just makes the difference, in two horses of similar age, soundness, and appearance, of being worth a hundred and forty, or only forty. It is true there are many persons who are content if their animal does his business anyhow, provided he does it; and if they are satisfied with this, and have bought such a treasure at his *proper* value, he is as good value to them as the best stepper that ever looked through a bridle; but as men, who are not judges of horses as animals, are

generally equally astray in their ideas of how they should do their business, the chances are they give as much for a brute as for a clever nag. This will never "keep the money together;" for though a man may fancy his brute to be as good, and worth as much, as such a horse as the Marquis of Anglesey would ride or drive, if he attempts to sell him he will find the *whole* of his mistake, and only *one-fourth* of his money, as the consequence of purchasing for himself. It therefore becomes equally necessary for such a man to consult a judge as to how a horse does his work that has been at it, as it does to take the opinion of such a man in purchasing one to put to work that he has not been at.

The next thing to be looked at is how the horse has been treated, for to bring one from good or careful management to the reverse is *certain* loss. If a man who has a farm of poor land were to purchase cattle from the rich feed of Lincolnshire, he must lose by every head he buys, to a dead certainty. I did not mean an equivoque by the expression, but let it stand, for probably some of them at least would die; but if a lot of Scots or Kerries are put on the same land, they will not only keep the money together, but materially increase it.

So it is with horses; almost all of them will improve on additional care; but every one will,

lose in condition, and consequently in value, by a want of that care to which they have been accustomed. If a man wants a horse to stand heat and cold, wet and dry, three or four sweats a-day, with permission to clean himself against a post, nothing but a country butcher's hack would do it. If, not intending to use a horse thus unfairly, he wants a quick buggy horse that can step over his seven miles into town in about thirty minutes, go back in the evening, and do this, we will say, five times a-week, and keep in condition, he must get one that has been used to it, or he must bring him to it by slow degrees.

One of the best I ever had I bought of a White-chapel carcass butcher, merely from seeing him coming into town, certainly at the rate of sixteen miles an hour, with a heavy man and two calves in the cart ; but I gave eighty-five guineas for him, and the good butcher showed me two other nags, nearly as clever, and in as fine condition as hunters. He prided himself much on this ; in fact, they could not be otherwise, for, partly by choice, and partly from the nature of his business, his horses had the three great promoters of condition—good care, plenty of corn, and fast work.

Now, if any man bought one of these horses, and gave him less work and less corn, he might do very well, and look well, but he would not be in the condition our friend the butcher had him.

With the same feeding and less work he would get fat, foul, good for little, and perhaps either vicious or sluggish ; with less corn and the same work he would become thin, dispirited, and debilitated ; with the same corn and work, and bad care, he would get colds, swelled legs, inflamed lungs, farcy—in short, out of condition in every way. His horses were treated in the precise way to keep them in the highest state of health and condition, and whoever had bought them, the more or less he departed from the same way, the more or less would they lose *tip-top* condition—that is, such condition as is in all cases necessary to horses called on to exhibit both speed and lasting quality. This is not, of course, necessary to all horses ; but whatever the horse's business may be, to enable him to do that with ease to himself and owner, he should be in the best possible condition for the work he has to perform : in fact, his condition, and consequent capability, should be such as to qualify him for greater exertion than he is daily called upon to perform, if we wish him to do his ordinary work pleasantly to himself and to his owner. Although I regret to say there are not so many kind horse-masters in the world as the animal deserves, still there are many ; but there are also many, who, intending to be the most indulgent masters living, are, from not knowing what is and what is not kindness to animals, quite the reverse of what they wish to be.

I have an acquaintance who owns a very clever horse, and, when in proper condition, a very strikingly-handsome one: in this sort of condition he was last spring. When he purchased him no man was more disposed to be kind than his new master; still when I saw the horse in his stable, only two months afterwards, he was no more the same horse than he was the Hero, or any other. He was one of the handsomest coloured greys I ever saw, except Old Isaac, who was precisely the same. When he was sent to him he shone like a bottle, was as round as one, and all the muscles in their right place. His mane and tail, both of which were particularly handsome, looked like spun glass; and his legs, which were remarkably good, felt and looked clean and firm as iron. When I next saw him his coat was dead as a scrubbing-brush, and in many parts somewhat of the same colour; his mane and tail a kind of dust colour, and felt as if they had been done over with greasy water; his muscles flabby, and his legs filled and flaccid; in fact, though no doubt his owner would have been very angry had such a thing occurred if he had bought the horse of a dealer, and had given a hundred for him, the man would have been quite justified if he had been asked to take him back, in offering fifty as the maximum price in his then condition. Now none of this arose from any ill-usage or intended unkindness, but solely from want of judicious management.

He had come from a stable where all was done right, he went to one where all was done wrong ; it would have been uncourteous in me to say so on seeing him ; indeed I conceived it to be unnecessary, considering the horse told this pretty plainly himself : of some of his master's peculiarities in managing horses at work, I shall, perhaps, have occasion to speak ; by way of elucidation of some other matters, I have said enough for my purpose here.

I have said that every horse will suffer from coming from a good master to a bad one : this is indisputable. I have also added that most horses will improve by coming to a better home than the one they may have left ; but the inexperienced purchaser must bear in mind that better treatment does not always mean increased feeding or diminished work ; that must, of course, depend on the quantity the animal had had of each ; if the feeding had not been in adequate proportion to the exertion, the horse would improve either by increased feed or lessened exertion ; but a man might get into a serious predicament by taking one from high feeding and strong work, and only riding or driving him three or four miles a-day at the rate of six miles per hour, though he might, to a certain degree, diminish the very high feed he had been accustomed to.

There are numberless horses going in coaches, omnibuses, and occasionally one in a cab let out

for hire, that do their work well, quietly, and are in good condition; but give them to a man who would only require what would hardly be exercise to them, he would find them take a very extraordinary mode of showing their gratitude for the indulgence; and, *vice versa*, give a lady or gentleman's fat pet to a Newmarket jockey, merely to ride between the heats, if he had several races to ride during the day, the boys would kill him by merely bringing the clothes from the starting to the ending post of each race.

For these reasons, I would strenuously recommend persons who do not understand the purchasing or management of horses, yet wish to avoid inconvenience and loss, under no circumstances to make purchases on their own judgment, if they would not suffer in person or pocket. For even supposing they go to a perfectly honest dealer, he is not to judge as to what is likely to suit: he will not sell them a lame or vicious horse; but it is not to be expected, if he has an unpromising young one, or a seasoned horse that is a brute, that he is to chronicle the imperfections of his own property, or to be philanthropic enough to keep such an animal, lest another should be inconvenienced by purchasing him. If, on the other hand, such a person as I have mentioned goes to a rogue, of course he is done *every* way, both as to price and qualifications.

We will suppose a much stronger case, and one

where there is the least probability of deception on one hand, or error on the other: viz., where a man not conversant with horse affairs goes to purchase of another of similar character (two respectable tradesmen, we will say): the one, having no further use for his horse, wishes to sell; the other, wanting a horse, wishes to buy; the animal is known by both parties to have done his work quietly and honestly for the last twelve months, and never to have been during that time (in the common phrase) "sick or sorry." Here, says or thinks a man, I am surely certain to get precisely what I want, and cannot err in buying. He will find he may though, for if the fresh purchaser wants such a horse for a different kind of purpose, or intends to treat him differently, be it with more or less indulgence, what the horse has been seen to do with his last master will be no guarantee of his doing equally well with his new one. But we will suppose the new one *does* intend in every particular to treat and use him as he has been used and treated before; surely a person might say, "In such a case I may venture to buy without better advice than my own." Certainly you may, and possibly—I will say probably—the horse will suit you; and if so, you would do little harm in buying; but, *should* you want to *sell*, very probably you would, even under these favourable auspices, lose half

your money; for this reason — though the horse may have done his work honestly enough, he may be but a brute after all. His former purchaser may have bought him of a dealer who behaved as well as could be asked of him in selling a sound, quiet animal; but, depend on it, he got from the kind of customer to whom he sold, sixty for what was only worth thirty. The owner tells you, true enough, "I am no horse-jockey" (upon which, I dare say, he much piques himself); "I do not want to make money by my horse; and though I ran the risk of how he would turn out, and have proved him a good horse," (mem. *quære*,) "I only want what I gave for him." Nothing can be fairer than all this; still, though your friend is "no horse-jockey," you will find, if you want to sell, as he would if he had wanted to sell (unless he had found you, or some other knowing as little), that you are done clean out of thirty; the only difference being, the dealer knew he was selling at sixty what was only worth thirty, your friend sells for sixty what he believes to be worth that sum, though only worth half of it: you are both done, and your pocket derives no benefit from your friend not being "a horse-jockey." Still, purchasing under such circumstances is perhaps the best and safest mode by which such persons can go to work, if they are determined to purchase for themselves.

We will now suppose that a purchaser of the class I have alluded to buys a young horse of a farmer, miller, or some such person, who bred him ; and to such sources such purchasers are much in the habit of going. I possibly may have known instances where such purchases have been made, and the purchaser has not lost by them. If I have, the instances have been so few, that I cannot bring any case to my recollection ; and, where they have occurred, probably the not *losing* arose from not attempting to *sell*. Low-priced horses are generally wanted for purposes where use without show is wanted. I have occasionally wanted such a horse. I trust I need not say I never bought a raw young one for such a purpose ; consequently, personally, I never had dealings with farmers for low-priced horses ; but I have *seen* many of these forty-pound bargains, and, generally speaking, precious bargains they were. Such men always, without exception, value such beasts much above their mark ; and then, as if the circumstance, like charity, covers many sins, they tell you “they *bred* them.” So you see written up, as an inducement to the passer-by, “home-brewed ale,” and “home-made sausages,” when, Heaven knows ! the chances are that those who partake of either delicacy will wish they had been made a thousand miles from home. Such men breed from any mare that will breed ; get a

common country forty-shilling sire ; or, if their aspiring thought carries them so high, some thorough-bred one, whose shape, make, blood, and performance bring him to about the same price ; they thus get a living beast probably inheriting all the combined imperfections of both parents, put him (very properly, if they kept him there) to plough at two, ride him at three, and at four — provided he will carry you on his back (for mouth or action is, of course, not attended to) — he is sold as a “loickly thing” at forty, or thereabouts. “He has never been in any body’s hands but their own” (so much the worse). “They know what he has cost” (very doubtful this); “he must be worth thát.” Why ? Forsooth, because, like the beer and sausages, he was manufactured at home.

Going to *topping* farmers and breeders is quite another affair. Such persons, being known as breeders of horses of a superior class, are sought out by private gentlemen, or by such dealers as Elmore, Anderson, and other first-rate men in the trade. Such breeders find that when they have a superior horse, they can get a long price for him ; and, on the other hand, when they unfortunately breed a bad one, or, at least, a bad-looking one as to shape and action, that they can get very little for him ; and, indeed, such dealers as I allude to, would not buy him at all. Breeders of this class, therefore, unlike the small farmers,

soon learn to distinguish between fine horses and bad ones, and know that having *bred* a horse will avail them nothing, unless they have bred a good one. They soon learn the value of London action for London horses ; and also racing action, or something very like it, for horses intended to be made first-rate hunters of. Such horses range in price from ninety to a hundred and fifty ; for, now-a-days, a fine young horse, with first-rate action for harness, is worth quite as much as one intended for a hunter. It is true that when the one becomes a hunter, he may be worth considerably the most money ; but it must be borne in mind, that the horse with fine action is almost certain to make a first-rate harness-horse ; but the one with equally promising action as a hunter may not be worth a farthing as such when put to the test. Therefore, although the purpose for which the latter bids fair is of a higher order than that for which we design the former, the chances against realising our hopes being so many more against the hunter than the harness-horse, their value, till tried, is about the same.

Such breeders as produce this superior sort of horse for sale are very proper persons for three distinct classes to apply to, of course supposing each man of each class to be a good judge ; namely, first-rate dealers, men of large fortune, and men of very little fortune. The first applies

to them as (in a general way) the best source from whence he can get horses suited to his purposes of trade. He then, as a matter of course, puts such persons about his purchase as will make him what he wants.

The man of fortune goes or sends to such breeders because he wishes to have both fine and clever horses; and knowing the enormous price he must give for such as he would like when made hunters of, he buys a young horse, puts him under a man who knows the precise qualifications in a horse to meet the wishes of his master or employer, and, as far as it can be done, he rides and makes the horse into what is wanted. It is perhaps an amusement to the owner to see the young horse improving (that is, when he does improve). If he stands the ordeal, and becomes a good and perfect hunter, he made a fortunate purchase; but, knowing what I do of young ones, if he made such a hit this year, I should recommend him not to expect to do so the next. He must wait his turn. There is only one 6 on the six sides of a die; so we must not *expect* to throw it twice running. We may, and often do; but sometimes we may throw ten times without the 6; so it brings it to about the same odds. They are quite as great against a young horse turning out first-rate.

The other man is the man of moderate means. He goes to the same source if he wishes to have

very fine horses, because he cannot afford to give three or four hundred for a very fine horse — a made and proved first-rate hunter. This man, instead of paying for having his horse made, makes him himself, and succeeds more or less, according with his luck ; for if he attempts to do this, we must suppose he has fine judgment, fine riding, and fine nerve to back him : in which case, though he will not, of course, succeed with all horses alike, still he will make them all into something moderate, good, or capital hunters ; and, barring accidents or great ill-luck, will make money by them ; and so he ought who gets plenty of bruises by land and occasionally half-drowned by water ; and this is a little *sauce piquante* that a man may expect with the first and second *courses* in trying to keep his place.

I have now got among a different class of men from those I set out with, and for whom only the foregoing has been written. I have mentioned three distinct classes who go to the best breeders for horses, and find their account in so doing. I trust, however, that by mentioning the advantage of such persons purchasing from first-rate breeders I shall not induce men of less pretensions in horse affairs to go there ; for if they do, they will find their losses even greater than in buying from the small farmer, inasmuch as they cannot be supposed to be in any way better judges of superior horses

than they are of those of an inferior class; and as the price in one case will very far exceed that in the other, so will the penalty they will pay for want of judgment be proportionably greater: they will, in fact, give a hundred and twenty for what is worth sixty, instead of sixty for what is worth thirty; and will also find that they will lose by such valuable young horses in a still greater proportion than even what I have stated as relating to the purchase.

It is not probable that the man who is not a judge of what is and what is not a promising horse will be found a good horseman, or one, either by treatment or otherwise, likely to bring on and improve such an animal; and it is only by improving a young horse that he is to be made worth more money than he was when purchased. The higher the class of horse, the higher will be the class of men he will be destined for; and the higher the class of men, the more particular are they (generally speaking) as to the qualifications of their horses; and as much more as the man of fortune and family would lose in the estimation of others than the common man by coarse and vulgar habits, or by the want of refined ones, so much more will first-class horses lose in value than ordinary ones, from wanting those niceties in certain qualifications expected from superior animals. A boring, heavy, dead mouth, or a light, pleasant

one, will, in a horse of equal pretensions as to breed, shape, and beauty, just make the difference between two hundred and fifty to carry the master of the pack, or eighty to carry the whip, though both are equally good horses, and, in other respects, good hunters.

If a man who is not a good judge of horses or a good horseman thinks he can bring forth in a young one all the qualifications I allude to as to action, carriage, mouth, fencing, and temper, let him buy him: should he succeed, I shall willingly allow I was wrong in attempting to check his ardour in purchasing; but as I conceive there is quite a *possibility* that he will fail if he does, there is also a possibility that he may regret not taking my advice; which is, to such a man, "Do not buy young horses yourself for yourself; or, if you get one, do not attempt to teach him anything yourself for yourself, or for *anybody else*." I do not mean to say that it is at all impossible for a man who may be by no means a good horseman to make a young horse into a something to suit *himself*, *his* style of riding, and *his* ideas of what is pleasant, and this would quite suffice if he makes up his mind to keep the horse for *one* of their lives, or both, should they end them together, — a finale by no means to be considered as an impossible event under such circumstances, for most extraordinary are the opinions of some men

as to what is pleasant and what is safe in the action or habits of a hunter, or indeed a horse for any purpose.

I remember, as a boy, frequently meeting General White with hounds, that is, occasionally seeing him for the first ten minutes after a find with the Duke of Richmond's, but much oftener with Lord Newburgh's harriers, with whom I occasionally took a day when living near their kennel. The worthy General walked a good sixteen or seventeen stone, and stood an honest six feet, whether on the ground or on his horse, for when in a gallop such was the peculiarity of his seat, that he stood equally straight and upright in either case. The General piqued himself on his riding, and still as much on two extraordinary fat pig-like animals that he rode, and thought and affirmed to be two of the finest horses and best hunters living. To see him in a gallop on these mountains of flesh was awful; he rode with both bridoon and curb-reins together in his hands, on which he had accustomed them to hang, and bore till he could not have kept his seat, or rather stand, without this fulcrum, and they would not know what to have done without the General as a support for their heads: command of their mouths, of course, he had none, but when he plumped down on his saddle they took it as a signal to stop, and stopped accordingly. Of the

General's fencing I have heard him speak loudly himself, but as I never saw anything of it, or any one who had, I can say nothing on the subject.

I can fancy the indignation of some on reading what I have written, and hear them say, "It requires no ability to tell a man when he has done wrong that he has done so." No one can deny the truth of such an aphorism. I will add something further: it does not require abilities of any high order to tell a man *where* he has done wrong, though this may be somewhat more difficult: it may also be added, that if any man takes upon himself to tell another when or where he has done or will do wrong, he ought to feel himself competent to tell him how to do right. I allow *he ought*; but whether he can is quite another affair.

If a man wanted such information as was applicable to the general tenour of his conduct in life, he could not fix upon a man less qualified than myself: in short, in fixing on me as a finger-post to point out the right way, his selection would be a most unfortunate one, not having been prominent in wisdom as regards my own career in life; but as, in the present case, I only venture advice on the very subordinate acts of purchasing and treating horses, though I cannot say I *shall* do any good in giving it, I at all events try to do so; and in point of fact, I have not only promised to tell

a certain class of men where they act injudiciously, but I further promise to tell them how they may act with more prudence; for if I show them in how many ways they *must* suffer in making their own selections of horses, and then purchasing for themselves, I conceive it to be tantamount to recommending them to let others purchase for them. It would be an act of greater arrogance than I hope I have ever yet been guilty of, if I could suppose any one would act on my advice, merely because I give it. But if they find that by acting on my advice (which is, to act on the advice of others) they avoid losses they have hitherto sustained, so much the better; if they choose to act as they have hitherto done, they will be only where they were.

Supposing (to bring forward a personal case) I fancied myself a waterman, and wanted a boat; I might go to Searle, and fall in love with one of his wager-boats, that carries one, not, as we say in coaching, “outside” or “inside,” but as those boats do, half out and half in; I might show my taste in having purchased a very pretty sort of aquatic race-horse; for which, no doubt, honest as Mr. Searle doubtless is, seeing me a Mr. Green, he would make me pay a pretty price, well knowing, at the same time, it would be about as useful to me as a pair of dancing boots to a whale, and that the chances would be ten to one but that I

upset it the moment I got into it, thus reversing the boat and the order of things at the same time ; I underneath, the boat playing leap-frog over me — a kind of aquatic pastime I should possibly not have the opportunity of repeating. Serve me right ! What business should I have buying boats ? Now if I wanted some such water-machine, and had sense enough to depute some friend conversant with such matters to get me one, I doubt not but he would have sense enough to get me a good-sized flat-bottomed punt, that I could shove about, and sit or stand in at my ease, like a bear on a timber-float, who not unfrequently makes use of such a mode of transit in the far West.

There are few of my readers, I dare say, who could be induced to think that in purchasing horses they are in about the same situation as I should be in going to a boat market. Such, however, is the case with very many of my acquaintances ; they do not, certainly, run the risk of being upset in a river, but their pockets get upset to a certainty, and sometimes both their vehicles and bodies also ; the only difference being, that these occurrences take place on dry land.

CHAPTER II.

STABLE MANAGEMENT. — VENTILATION. — WARMTH. — DIFFERENT TREATMENT FOR DIFFERENT HORSES. — DRYNESS. — WIDE DOORS. — STALL POSTS. — RACKS. — WINDOWS. — BALLS. — MANGERS. — HEAD COLLARS. — COLLAR SHANKS. — MUZZLES. — LOFTS. — OBJECTIONS TO KEEPING HAY IN THEM. — DIFFERENT MATERIALS FOR STABLE FLOORS. — CAUSES FOR HANGING BACK. — STABLE DRAINAGE. — STABLE REQUISITES. — NECESSITY OF RULE. — SADDLE AND HARNESS ROOM. — STOVES. — BOXES.

WE will now suppose a person to have got, through the good offices of a friend, as many horses as he intends to keep, and those of a fair sort for the purposes in view. Of course I put race-horses out of the present consideration. We will now have a look at

THE STABLE.

If I should say that about one stable in a hundred is built so as to be perfectly comfortable, healthful, convenient, and workmanlike-looking, I should be giving odds in favour of the planners of them. Doubtless horses *live* that have been kept in all sorts of stables, but horses also die that have been kept in them; and many of these

stables have been the occasion of more deaths than they are accused of. Provided the horse is comfortable and healthy, it certainly matters not as an abstract fact where he is kept; but it is not very easy to know, but by consequences, and the effect of time, whether he *is* comfortable or healthy. He may be comfortable, but not healthy. He may also be healthy, but not absolutely comfortable. I grant this cannot go on *ad infinitum*, without our finding it out; but then the evil is done, either in a temporary way or in a lasting one. It is really singular, or rather remarkable, how constantly we see very clever men permitting all sorts of annoyances to exist about them, and though we might daily hear them regretting the existence of the evil, yet take no steps towards remedying it. The suffering these to go on very frequently arises from sending for a mechanic in the first instance, instead of consulting their own common sense. The mechanic's interest is, of course, to make a job; consequently, if twenty shillings would do it, he recommends what will first cost five pounds in the undoing, five pounds in materials, and then another five pounds in doing up again. The consequence is, the evil is allowed in many cases to go on, rather than incur a heavy expense.

I have frequently heard people complain of the damp of their stables, and the water hanging on

the walls; in almost every case this dampness is to be got rid of, with the exception of, in some cases, the water on the walls. [This sometimes arises in stables near the sea-coast from the mortar having been made with sea sand, instead of the proper dry material. Such walls will universally give in damp weather, or indeed when warmed by the heat of the horses.]

In almost all other cases dampness in stables arises either from ground damp or want of ventilation. Of this any man may judge from different circumstances, and, generally speaking, the remedy need not be attended with any very serious expense: drainage and raising the floor will mostly have the effect in one instance, and making proper vents for the heated vapour to escape near the roof will also nearly always be sufficient in the other.

Where a stable has the defect described, it should be remedied at once, or the horses taken out of it; for if they are not, sickness will, sooner or later, cause double the expense of the remedy.

A lady may be very comfortable who, during six months in the year, never stirs from her own heated apartments, unless to get into her carriage, where a *chaufferette* keeps it to the same temperature, while it conveys her to the still more heated atmosphere of a rout. She is comfortable, and for a time fancies herself in unimpaired health;

but the habitual lassitude, the physician's carriage at the door, and the cheek from which the tint of nature is fast receding, tell a tale that, if long unheeded, ends in the necessary sojourn in another climate — sad prelude to the tomb of loveliness and probable worth.

On the other hand, the sturdy wife of the labourer, while she pursues her daily occupations, within doors and without, has little perhaps to boast of as to absolute and general comfort. She has health and bodily activity — knows no real suffering ; but the effect of exposure to the elements without, and want of genial warmth within, produces a coarseness of frame and general appearance quite at variance with feminine beauty.

The heated, unnatural, and vitiated air of most of our London stables, though they may not show their effects in the appearance of the horse, or seem to affect his vigour, when required merely for a park drive, would tell tales if the same horse was called on for severe and long-continued labour. Here the effect of his debilitated constitution would soon tell *something* was wrong, and probably inflammation of the lungs would quite satisfy us of the fact.

On the contrary, the stable where proper warmth is wanting, and where currents of cold air are frequently permitted to enter, though not perhaps so comfortless as to cause suffering to the horse,

or directly injure his health for certain purposes, would shortly show him as an animal in appearance totally unfit, both internally and externally, for that fast work to which valuable horses are put — externally from having the coat of a bear, and internally from its having been impossible in such a stable to have carried him through that discipline necessary for such purposes. Such a stable, after a sweat, would be death, though the cart-horse might live and have his health in it.

Various have been the plans suggested and drawn for the elevation of stables, and in many cases the taste and talent of some of our first-rate architects have been called in, in the erection of them. This is all very well, so far as it gratifies a very pardonable vanity in men of large fortune, who *pique* themselves on their studs of horses, among their other valuable possessions. They, as a matter of course, have many friends who indulge in similar pursuits, and consequently vie with each other in the arrangement of their stables, as much as their ladies do in that of their nursery, boudoir, or conservatory. Such expensive and tasteful decorations, internal and external, of course, add nothing to the comfort of the animal. All that is required in stables for the well-doing of the horse amounts only to this: they should stand dry, be roomy, lofty, warm, with means of abundant ventilation when required; for, in fact,

even in the severest weather, ventilation is indispensable: it is in this particular, more than any other, where the healthfulness of stables usually falls short of what it should be: however *warm* a stable may be, it should be perfectly *dry*. The moment anything like steam is seen hanging about, that stable is unhealthy, and colds and debility, with all their concomitant evils, follow as sure as night follows day. Many a first-rate stable have I entered in the morning, when even the clothes on the horses' backs felt damp, the walls and windows, of course, streaming with water. To speak to a groom on the consequences of permitting this to continue would be words thrown away; he will fancy it keeps his horses fine in their coats, while the fact is, it has a directly opposite tendency — it produces debility and ill health, and if horses so circumstanced can look blooming in their coats, they must be made of different materials from any that I ever had to do with. It may be that while horses are in this pest-house, and consequently are in a state of comparative perspiration, their coats may stick to their skins; so they would if they came out of a warm-bath; but take them out: if their coats do not stand on end, and thus let every particle of cold wind on to their skins, I am much mistaken. The coachman or groom, on seeing this, will say perhaps — “ You see now what bringing

them out of the warm stable does!" I should, on the other hand, say, if he had sense to understand it, " You see what putting him *into* your *wet*, warm stable does." I quite approve of the warmth, but there is some difference between the fine dry warmth of a well-aired, well-warmed dining-room, and the damp heat of a washhouse, with a copper boiling in it. I ridicule the idea of those who talk of keeping horses in a natural state of temperature: that is natural, according to their ideas of what is natural, by which they mean cool, or rather *cold*. The fact is, they mistake what is natural to the horse: *heat* is natural to him, not *cold*—that is, it was natural to him in his original state, and we by use have rendered it the same to him in his present one. He will thrive under a tropical temperature, but, let it be remembered, a tropical heat is a *dry* one. A cook will bear the heat of his kitchen, with fires and hot hearths round him; the *damp*, heated air of a forcing-house would shortly kill him, though his kitchen is the warmer berth: but the air there, though hot, is dry. The warmth of the stable is comfortable and healthful to the horse, if it is only a proper warmth; it only becomes injurious when the warmth is from a wrong cause; proper warmth should be gained by *excluding* the cold air, not by *keeping in* damp and heated exhalations from the horses' bodies.

Most good stables have quite a sufficient number of windows to admit as much air and light as any one could desire, and also as many flies during the summer months as could be wished, and rather more; but these apertures, from their general situation, are totally inadequate to the escape of evaporation; it therefore becomes condensed, thus converting the stable into a dripping well. All the windows required in a stable, in a general way, are as many as will afford sufficient light; there should always, where practicable, be a sufficient number placed towards the north, for this reason—they can be made to fit close enough to exclude cold in the winter, and in the summer it is cool air we want. Now though I consider that there are generally apertures enough in most stables to answer one purpose, we rarely, if ever, see them made for the other—in fact, in most stables there are none where they are wanted, which is at the highest point of elevation the stable will afford; of these there should be some both before and behind the horses (made to close when wanted); for, should the air blow in either of these directions, it must follow that no escape of effluvia can take place on that side, whereas the current coming in on one side drives this steam out at the other; so, instead of having a condensed fog over the horses, we get a fine dry air, which is, or should be, too high to affect the horses, so far as cold goes.

We often hear persons laugh at many of the practices of our ancestors, though in many things I conceive the true laugh is on the other side. Let us look at very a old-fashioned bed, for instance ; here we see the foundation, about fifteen inches from the ground, having an honest nine or ten feet between it and the tester. Look, then, at one of more recent date ; here we find the foundation made so high that it forms a kind of first-floor of our bed-room, and by the time a paillasse, wool and hair mattress, and perhaps a feather-bed, are put on, we get into the attic, to which we are forced to climb by a moveable staircase ; this brings us nearly within arm's reach of the tester when we lie down ; if then a set of good thick curtains are drawn around, we have a very fair succedaneum for cucumber culture. Persons sleeping thus, then, wonder they get colds, sore throats, et cetera, and feel enervated. Why, the very cucumbers get cold if the gardener omits shutting them in if any cold air blows. How, then, can people expect to escape ? The good ladies of those forefathers we laugh at would not have had an appetite to eat beef-steaks and drink ale for breakfast, had they slept thus.

So far as relates to the general temperature of stables, in an ordinary way, I should say that 60 deg. is a fair average for horses used for road work, or for hunters rode with harriers ; hunters,

as they are now used with foxhounds, should be kept several degrees warmer, particularly about the time they are changing their coats. At this time, a few days will change a horse's coat from satin to cotton velvet, unless the thermometer in the stable is closely watched, and each horse watched also. Lucky, indeed, is the man who, if he does not strictly attend to this himself, has got a groom who will. All the comfort—nay, luxury—of a fine coat in a horse will be destroyed by a few days' inattention in the autumn. Let him once get his coat up at this time, you may look forward to early summer to see him with a fine one. Nature is uncommonly obstinate in this particular: if she is permitted to put a pea-jacket on a horse about the time I mention, I defy art to take it off again unless she cuts it off.

I have heard a diversity of opinion between the good or bad effects of two different modes of keeping horses warm, some advocating very cool (I do not say absolutely cold) stables, with heavy clothing; others very warm stables, with lighter clothes; and these two opposite modes I have heard discussed by men who were quite competent judges of the matter. I should be very presumptuous, where such men disagreed, to pretend to say which was wrong; but I can have no hesitation in saying the man who took the middle course would be right. Supposing, however, it was

necessary to adopt one of the two extremes, and any one complimented me so far as to ask which I should consider the *least bad*, I should say a stable somewhat too warm and moderate clothing. I reason by analogy. We will suppose two persons to be sitting in two different rooms, the one in a room at the ordinary warmth of a comfortable dining-room, say 65 degrees, and clad in an ordinary evening dress, the other to be placed in a room ten degrees colder, but so belamb's-woolled and bepiloted as to bring the temperature of his skin to the warmth of the other. Let them both strip to their shirt and drawers, which we will consider to stand in the place of the natural coat of the horse, and go out. I consider the man throwing off his sweaters would feel the sudden exposure of his skin accustomed to such clothing more severely than the other would the change of atmosphere. Against this, I am aware it may be said, how severely we feel the cold coming out of a theatre or crowded ball-room. No doubt we do, and so would a horse coming out of a stable of the same temperature; but when I allude to stables somewhat or rather too warm, I do not mean one at 80 degrees; and when I state I prefer one rather too warm to one rather too cold, I mean it in the case of gentlemen's horses, not of a street cab horse, or even a medical gentleman's pair or the one condemned to

shiver for half an hour at some old lady's or hypochondriac gentleman's door, while the worthy Esculapius is persuading either that their case requires the most delicate care, or in a case, which, in justice to our medical friends let us allow, is of quite as frequent occurrence, namely, where the fancied invalid endeavours to convince the medico of the same thing. Such animals (not the invalid or medico) must be kept cool in every way, both as to stable and clothing: so far as their outsides go, their warmth must emanate from (in stable slang) their "body lining;" and even then they must be brought to bear this sort of treatment by degrees; for let a medical man, in the middle of winter, purchase of a private gentleman, a pair of horses which have been accustomed to different treatment, in a month, or perhaps less, he would want another pair. We should recollect that gentlemen's horses are in their stables, taking one day with another, perhaps twenty hours out of the twenty-four, and when they are exposed to the air they are at exercise or work. Consequently the proper warmth of the air they breathe in their stables is of vital importance to them; and though I most decidedly object to their breathing a hot damp air all this time, I am quite sure, clothe him as you will, a horse will never feel comfortable, or be in condition, that breathes a cold one. How should we like (clothe us in blankets if you will) to be

kept night and day with our head out of the window. A *cold* stable is in a limited sense something like this:—let me ask my friends this simple question,—have they never on a cold night (though with plenty of bed clothes on) put their noses under them? If they have, I need say no more on the luxury of inhaling cold chilling air, or its reverse.

Ask any man who has undergone the pleasing change of taking off his warm clothes, and been kept waiting on a cold day, in his silk jacket, on his horse (while some gentleman rider was arranging himself to his — not the man in waiting's — satisfaction) how he felt on such an occasion. Coming from Mexico to Canada is heaven to it. If a man is too warm from a room being the same, but is moderately clothed, evaporation can go on; he is warm — hot, if you please — but his skin is comparatively dry: great thickness of clothing would prevent this; so the pores of the skin of the wearer would be as damp and open as if he came out of a warm-bath.

To return to the upper apertures for ventilation, they may be either glazed or simply of board, as suits the taste of the builder, and should be made to open and shut by a double cord hanging down within reach of the hand. The lower windows I have had made to slide right and left into the wall; they are less liable to be broken than

such as open inwards or outwards, or turn on their centre; but I had a far better reason for having them made thus, which was—I always had a moveable frame made to fit the window on the inside; on this I had stretched the same kind of open material that is used for meat-safes; the windows can then be left open, and those positive pests to a stable in summer, the flies, are thus excluded. But I went a little further than this, and, as the expense is not more than twenty shillings once in half as many years, I venture to commend it: I had also a framed-door, on which the same material as that for the extra window-frames was stretched; this opened the reverse way to the usual stable-door; it was made to take on and off the hinges, so that in hot weather the close door could be fastened open and the stable kept cool; this, of course, can only be done where the stable is in a secure situation; but where it can, it is a great convenience at times in extremely hot weather.

Having paid, perhaps more attention to the comfort and safety of horses than the generality of persons, I will mention another very simple precaution I had as to stable-doors; these, I must mention, *en passant*, are generally made by far too narrow, and often too low: some horses have a trick of both entering and coming out of their stable in a hurry, probably learnt while in a

dealer's hands ; when the doorway is either narrow or low, this often occasions their getting hurt, and this further increases their propensity to rush through the aperture, and I doubt not that many of those horses we see down on one hip have become so by a blow against the door-post. This idea set me to work to provide a safeguard against such a contingency, which I did in the following way: I had my frames made a foot wider than usual, and the door of course made to fit them. I had two round pieces of wood, similar to a leap-ing-bar, with the same sort of iron spindles at each end ; these were fitted perpendicularly inside the door case ; so if a horse hit them in passing they rolled round, and all danger of an injured hip-bone was avoided. The difference in expense was not twenty-five shillings ; and when we consider that if five horses, worth (say) five hundred guineas, inhabit a stable, and each pass the doorway twice a day, we have a thousand guineas placed within the chance of injury seven hundred and thirty times every year, which would be avoided by a single sixpence, which is about the interest of the money laid out.

All loose sheds should be so made where valuable mares, colts, or horses go in and out of them ; for these frequently pass the doorway in a trot — sometimes, indeed, in a gallop. Padding such doorways will answer the purpose ; but horses,

particularly young ones not doing work, are mightily inquisitive, and are apt to wish to learn what the padding is made of, to ascertain which they will take the liberty of tearing it off.

It is a very common — indeed the most common — plan to build stables with the stall posts running up to the ceiling, and where that is not the case (as if the people were determined not to be without some inconvenience of the sort), they frequently put balls on a pedestal on the ends of the standing ; these, made of oak and octagonally cut, certainly look well, and give a handsome finish ; but they are nearly as great an objection in the stable as the long stall-posts. Ornament a stable as much as you think proper ; but it should never be done at the *slightest* risk of injury or expense of comfort to horses.

The first objection to the long posts is this. We will suppose the stall to be the full width — six feet, (if narrower the objection is tenfold) — and the horse to be standing turned round in his stall to have his head dressed ; this being done, he has to turn round to his place. How is he to do this ? It is quite clear he is much more than six feet from his head to his tail. He is aware the stall will not admit his turning with his neck in anything like a right line with his body ; so where there is *no* stall-post he avails himself of it to put his head over the adjoining standing, and

thus turns without inconvenience; but where there is, he is forced to tuck his head and neck round like a turkey poult prepared by the poult-terer. This takes him some little time to do; and there are such things as grooms to be found who, instead of permitting him to do it at his leisure, have a habit of accelerating his motions by a flick with the duster; round he forces himself, making the standing creak again, and looking — and, indeed, being — frightened out of his wits, from supposing he has done something wrong. But, more than this, some timid horses, if told to “go round!” sharply, forgetting the stall-posts, bang their heads against it, and many an eye has suffered in such a case; master finding his favourite Quornite the next morning with one shut. Of course, the horse “did it during the night, in the dark,” where perhaps that eye will for the future remain. The same objection, but in a minor degree, exists in the horse coming round: but he seldom comes round as hastily as he goes back. The elevated ball is not quite but nearly as bad; he can, if not too high, lift his head over this; but, unless plenty of time is given him to do so, bang goes his head against that also.

I know but of one or two reasons that can be produced in favour of stall-posts: the first is, that each stall in this case, furnishing a prop for the support of the cross-beam of the ceiling, tends

quaintance, I was asked how, without the stall-posts or balls, the pillar reins could be fixed. To this I observed, that I conceived the use of pillar reins to be merely to prevent a horse, while waiting saddled, from straying from his stall ; and supposing the standing to be the proper height, I thought that end would be completely answered, as, under ordinary circumstances, I had no wish that my horses, while so waiting, should be standing on a gag. I mention this, as the same idea may strike any one else.

Racks are made of all sorts and shapes, and placed in various situations ; nor, unless they are placed too high, do I consider it a matter of any very material importance where they are placed. Take them all in all, as to look, comfort to the horse, economy as to forage and durability, I should say a small iron corner rack on the near side is the best ; this should be low enough for a man to put the hay in without using a fork ; it will then be low enough for the horse to eat with comfort, and he will not be induced to pull out more than a mouthful at a time ; when he does, it produces great waste, as perhaps one-third gets trampled under foot. When a horse does this, I have heard people accuse him of greediness ; but it does not generally arise from any such cause, but from his having been accustomed to eat from a rack situated so high as to make the getting at

his provender an inconvenience to him; consequently he has sense enough, when he does raise his head and neck, to pull out a mouthful to bring with it enough to last him some time, and this he discusses at his leisure. Racks should not, when filled to their utmost, be able to contain more than about ten pounds of hay. If you have a good groom, he knows that is more than enough at any one time; if he is an ignorant one, if the rack will hold half a truss he will cram it full. If the hay is *good*, such practice is highly detrimental; if *bad*, it is certain *destruction* if persevered in.

Iron mangers possess several advantages over wooden ones; horses cannot contract the habit of gnawing the bottoms of them, nor are they so tempted to lay hold of them in any part. Some get into the habit of licking the manger: this is all but a sure precursor to crib biting, and should be put a stop to immediately. Let the *stationary* manger be well smeared over with train oil, and have a wooden lining made to fit in: this should only remain while the horse eats his corn. If this is attended to so soon as the habit is first taken to, the horse will oftentimes leave it off.

Head-collars have been much improved upon lately. The old sort were constantly being got off: those now made are quite safe in this particular, and are as good as can be, with one excep-

tion — that is, that, unless particularly ordered, saddlers never make the forehead bands long enough by an inch on each side, by which the head strap is brought so close behind the ear that it pinches it into a corner, which causes confinement and uneasiness ; in fact, I have seen the ear chafed by it.

If any one who may read this work holds economy worth consideration, I would suggest to him that ordering his head-collars to be made with, as it is termed, the flesh-side outwards, causes them to wear nearly double the time of others.

Collar-shanks are usually of leather, which are the best — first for appearance ; secondly, they make less noise in running up and down than rope ; and, thirdly, when the horse travels with his head-collar on, they roll up neatly. I say shanks : but in speaking of my own, as relates to one head-collar, I should only say shank, for I never used but one to each horse : for this reason : a horse sometimes gets his hind foot over them from scratching his head or neck : this leads often to serious accidents. Of course, where there are two, there is more chance of this occurring than with one ; but the chance of his getting into this dilemma with two is much greater than the numbers go ; for, from the diagonal direction of each from his head to the rings, they are just in the

way where his foot would pass from his head, and as he naturally, for his own convenience, brings his head round as much as he can to meet the foot (of course the hind one), it seems almost a miracle he does not get entangled whenever he may try the experiment. If he is tied up with one shank, on bringing his head in contact with his hind foot, the shank goes diagonally in an opposite direction with his neck, so that it is all but impossible for him to get the leg over it; at least so I have found it, for such a matter never occurred to me. It may be objected that some horses will bite at or play with others over the standing, unless they have double reins or shanks. I allow they will, if the stalls are narrow, the standings low, and the shank left too long; but standings near the manger should be too high to admit of these freedoms, which would often end unpleasantly. And there is a sure rule to go by as to the proper length of the shank. Bring the end that fastens in the head-collar to the top rail of the manger, let the shank then be of such length as just to allow the bottom of the log to reach the ground; no matter whether the horse be sixteen hands or a pony, that is the length, for each has to lie on the ground.

There is a fastening made to affix to the manger, for which, I believe, a patent was taken out, but I forget in whose name; this is as secure as the

common ring, so far as relates to a horse pulling at it in any ordinary manner. But should he get a leg over the collar-shank, and consequently be in danger of throwing himself down, he must of course force the shank strongly downwards: in such a case a spring gives way, and he gets free. I had them, and found them answer the purpose of any other fastening, and had I used double shanks I dare say I should have proved the advantage of having them: they cost little, and I venture to highly recommend their use.

It is rather remarkable how careless many persons are in some respects, while in others they are provokingly careful or anxious. This arises frequently from their not knowing or seeing apparent danger of loss in one particular, but from having a vivid sense of it in another. If a man went out leaving his desk open, in which there were a hundred and fifty sovereigns, although he might know it was a thousand to one against any one even going into the room, he would feel fidgety and uneasy till he got back and found his treasure safe; yet the same individual would, and perhaps daily does, allow an equal sum, in the shape of a horse, to be exposed to much greater risk without having an uneasy thought about it, till a broken leg or some such casualty gives him reason to repent his want of foresight. He then finds that from very slight causes very serious

accidents occur. For instance, a friend of mine had his rack-chains ending in a hook, to fasten to a ring in the chain. I told him there was danger of a horse getting this into his lip or nostril: my only thanks were a laugh at my conjecture. What I considered very likely to occur certainly did *not*, but what was likely to end in a very serious affair, though of much less probability of occurrence, as certainly *did*. One of his horses got the hook completely through the upper eyelid: he had torn the hook from its hold, and was found in the morning bleeding profusely, the rack-chain hook covered with blood. It left a frightful gash, and a most ghastly-looking eye; and, from some cause or other, the horse ever afterwards startled at most objects that either met or passed him on the off-side. It is quite true such an accident probably never might occur again in the same stable; but, from the same cause, some other accident very likely might. And why have *anything* in a stable that holds out the remotest chance of injury, where it has neither look, utility, nor economy to recommend it?

There are two additional rack-chains, or it might be more proper to call them stall-chains, that I have found extremely useful with horses ticklish and inclined to bite in dressing. It is true a horse may have his dressing-muzzle on, and the ordinary rack-chain will prevent his hitting the

groom with the muzzle, which he would otherwise do. But he can still fly at the rack and rack-staves, by which I have known a tooth broken more than once, and have seen the lip injured several times.

The two check-chains I allude to should be fixed to the standing about two feet and a half from the wall, or rather boards, before the horses; and when buckled on or fastened to each side of his collar-head, effectually prevent his reaching rack, manger, or man, each chain being made so as to shorten or lengthen at pleasure. Thus the horse can be kept nearest the side the groom *is not*, if necessary. Horses that have a tendency to rush at persons passing by their heads while waiting on the pillar-reins when bridled, can be fastened on the check-chains, which prevents annoyance or irritation to man and horse. I once saw a mare, in rushing at a stranger passing her head, so severely checked by the pillar-reins that it threw her on her haunches like a dog sitting, at the risk of a sprained back.

Of muzzles there are various sorts; any of them will answer their purpose, and there is but one that can be called absolutely objectionable (though still in very common use), made with a tin shallow basin or dish at the bottom. This I hold as a bad sort, for it stops all inhalation or air, or exhalation of breath at the bottom;

and, further, should a horse rush at the rack or manger the chance of injuring his teeth or lips (as before mentioned) is very much increased; and, indeed, in one instance, a serious accident had nearly occurred to a man of mine. I had sent him on to an inn with a favourite mare, in order to meet hounds the next day. He had omitted to take her dressing-muzzle with him (which I rather wondered at, as she had more than once had a grip of him): he borrowed one of these tin-lined ones; and after dressing her, and letting her down from the rack-chain, he stooped to do something to her fore-leg. She never gave away a chance on such occasions, and made a dash at the nearest part that presented itself, which happened to be his head: this she struck with the rivet that fastened the tin plate at the bottom, and laid his head open as completely as any Cornish single-stick player could have done, where, in their phrase, to constitute "a head" the blood must "run an inch." So much for tin-lined muzzles, independent of their very common appearance.

The next sort are those in use in racing stables, made of solid leather both at bottom and also in the part that goes round the nose, with holes punched in every part to admit air. These are somewhat heating to the nose in summer time we must allow; but as they are also used as "setting"

muzzles, it is quite necessary to prevent the horse getting at any of his litter, which he might do if they were made more open ; and for racing stables they are certainly the best, or for any occasion where a horse has to be set over-night. A precaution quite necessary with some horses, as hunters, for, if greedily inclined, they will get at their litter if at all stinted in their hay, which is worse than the hay itself. One precaution should be always used with muzzles ; namely, to have a throat-latch to them ; for, if left on all night the horse is all but certain to try to get them off. If he succeeds (where he is tied up) they get over the collar-shank, or shanks, and hang there. This, probably, frightens and sets him plunging, or he will be very likely to get a fore-leg entangled.

I once saw a muzzle made without any strap going over the head. It had three billets, one of which buckled to each ring of the nose-band of the head-collar, and one that fastened in front. It struck me as a safe and good mode of putting it on when used *merely* as a setting-muzzle ; and had this advantage, it did not require the bottom of the muzzle being kept so close to the horse's mouth to keep it steady ; thus allowing free respiration.

One thing I most strenuously recommend all masters to insist on ; namely, that a horse in the slightest degree inclined to bite should *never* be

dressed without a muzzle on. The man may trust, and say the horse "won't bite *him* ;" but he does, and then gets a thrashing (which is sure to make him worse), merely from a little idleness on the part of the man.

Having said thus much of the middle part of the stable, we will ascend into the loft; and, on returning, so soon as our feet touch the pavement, we will cast our eyes on that.

Lofts are very proper over stables, provided, and as in legal phrase "be it always enacted," that they are never used for the purposes to which lofts are often from necessity appropriated; that is, a receptacle for hay; or, what is worse, servants and their families. I suppose I ought *par excellence* to have given the latter precedence of the hay. However, as an *amende honorable*, I will make my remarks on them first. This I do for two reasons: the one being by way of compliment to the lady and her blooming ones—though, in truth, when brought up over a London stable the bloom is apt to partake a good deal of the lily's hue:—my next reason for now giving them precedence of the forage is, though said *sotto voce*, they are by many degrees the greatest nuisance there. If, however, it is thought proper to have a colony over the horses' heads, disturbing them at all hours, the ingress and egress should always be from the out-side: if a passage is allowed through

the stable, the ten thousand errands such persons always have from the time the milk is fetched in the morning till dad's beer is sent for at night, varied occasionally by his coming home tipsy from having taken it out, give the horses about as much rest as if they were piquetted in Fleet Street or Regent Street, of which, if appropriated to a lady's use during a London season, they see quite enough during the time they are out, without being reminded of the same thing when wishing to rest themselves in their stable. No doubt the allowing a servant's family to reside over the stable certainly saves them the expense of lodgings, and consequently enables the man to take less wages than he otherwise could do ; but it is a poor saving when half a dozen horses are to have their rest broken by it, independent of Jackey (if the passage through the stable is allowed), whenever he can find the opportunity, amusing himself by giving them a touch up with whatever may answer the purpose, to see "how they jumps" in their stalls—"Crikey, aint it fun!" Let any one turn a wild ourang outang into my stable, I would forgive it, as probably the brute would get kicked, and there his mischief would cease ; but a half-tamed young imp of a boy has cunning enough to avoid being got rid of by so summary a process, and mischief enough to harass any living creature *ad infinitum* while he

can do so with impunity. It has fallen to my lot to have had many lads or boys in my stables, sometimes several at the *same* time. Among these I have had some very good ones, who never attempted to play any of their tricks with me. This arose from several causes : they were never trusted with horses out of sight of some one of whom they stood in awe. The instant a boy is trusted alone, it matters not whether he be the heir of the family, or the fag of the stables, he is safe to be in some mischief, and woe to the animal under his control: to tease, and, in a certain degree, to torture animals is the delight of most of them. I know of few animals more annoyed than the pony of one of these young imps, apparently fond of the animal as he may appear to be. Keep a pony for mamma's darling, if you like, but, in mercy's name, never trust the animal to the boy's sole control. It is true boys are employed in racing stables to dress, feed, water, exercise, and work horses, worth, perhaps, a thousand each; but they are never for a minute allowed to be alone with the horse. And they are, at the same time, fully impressed with the firm belief that any trick detected would be followed by the severest punishment from the trainer.

Let me, therefore, especially guard persons against employing boys in any capacity about horses in situations where they cannot be narrowly

watched. Boys are as artful as men, and may appear steady and disinclined to mischief; but this one thing is certain—nothing but *absolute dread*, and constant watching into the bargain, will keep them from it. Be as kind to them as you please, and always reward good behaviour in them, but keep alive the idea that punishment, more terrible than any man with common humanity would attempt to inflict, would be certain to follow any tricks played with horses.

There are many objections, though not, perhaps, of any very serious character, to keeping hay in a loft: one that is frequently made I consider a very futile one, which is, that the exhalation arising from the horses and the stable renders the hay bad to eat. In reply to this, I should say, that any moderately good stable is so ceiled that little of this evaporation would reach it, and it must be very badly ventilated if it would do much harm in this way: if it did, and the horses got amiss, I should accuse the stable of the mischief, not the hay. But the objections I make to the thing are these. Throwing down the hay is apt to get the seeds into the horses' ears and eyes. The opening of trap-doors, and, above all, letting them slam down often alarms timid horses. If there are no doors, cats amuse themselves by jumping up and down; and, as their amorous dalliance begins in strains not the softest or most harmo-

nious to any ears but their own, so it often leads to fierce pursuit, and, though I highly applaud and estimate the modesty of Miss Grimalkin, that induces her to rush down the rack like “one possessed,” and the chivalry of Sir Thomas that brings him head foremost after her, the sober steeds are thrown in most admired disorder, and stand for the next half hour snorting their wonder at the ardour of these proceedings.

But there is a greater objection still to hay being kept in lofts, unless they have skylights. At certain times of the year it gets dark in such places before the horses get their hay for the night; and though the groom or coachman may be a careful man, an extra glass may be enough to throw him off his guard, though not off his legs; and a dry loft is a bad place for *sparks* from a candle, or from a public-house either. And here let me most strenuously recommend the use of gas in stables in lieu of oil or candles; its safety, cleanliness, certainty of properly proportioned light, and, where much is used, its economy, is beyond all praise. I had it in fifteen different-sized stables and seven boxes, all at the same time, for several years; so I am tolerably well able to judge of its advantages.

I do not make the same objections to straw being kept over the horses: in one way it has even some advantage in the summer season, as it

keeps off the heat of the tiles or slates. And straw never should be wanted at night: for two reasons: it should be put on the beds by day, which gives the stable a clean look; and it gets sufficiently trampled upon by the time the horses should be bedded up at night to become soft and comfortable. A clean wholesome bed is indispensable to man and horse; but stiff, fresh straw is by no means a comfortable one, particularly to fine-skinned horses, who will often in such a case be waled wherever they are not protected by their clothing. The whole bed should be at all times (after any damp straw in the middle of it has been removed in the morning) so clean as only to require fresh straw to keep up the proper quantity, and to give a fresh look to the stall during the day; then, with ordinary horses that only do moderate work, what is put under the manger is brought out at night. Hunters require often to lie down during the day; consequently, as they will then lie on straw but little trampled, it should be got as fine as possible. I greatly prefer machine-thrashed straw. It does not look so well, I allow, but it is far more comfortable to the horse. I recommend the strong, round, unbroken straw to fishmongers; to pack a salmon in it looks clean and neat, and I should hail its appearance if bringing one from a friend as a present, but I eschew it in a hunter's stable. I have had horses

so fond of straw, that by night or day they would devour their beds; that, is so far as they could reach, or the straw was palatable: this, so far as the clean straw went, was, under ordinary circumstances, of no great consequence; and with a hunter who is to go with hounds next day, and has this propensity, putting on a muzzle stops him, which is the safest plan: in a general way, a little solution of aloes slightly sprinkled over the litter near his head will answer the purpose: it is not necessary to make the bed wet, or even to be called damp, for a slight smell of the aloes is sufficient.

I have heard many persons complain of straw being sent to them that was short in length: this is a great mistake. I never wish to see a straw in a stable more than two feet long: in fact, trussed straw should always be cut in half before the truss is undone. The long round straw is very well for horse-dealers' use, to make the stable look handsome; but for private purposes it is both wasteful and inconvenient. It is wasteful, because, should one part become soiled, four feet of straw must be thrown out where only one foot is objectionable; whereas, in the same case, if only two feet in length, of course only two feet would be lost. It is inconvenient, because when it is so long it gets round the horses' legs; thus causing them to displace the order of their beds every

time they move : in fact, for a hunter's or race-horse's stable I prefer straw that has never been trussed.

Having made our inspection of the lofts, we will now return to *terra firma*.

The area of the stable of course depends on the number of horses it is destined to contain ; but its width should be the same whether it comprises three stalls or ten. Seventeen feet is just the width I would wish a stable to be from wall to wall ; that is, where the racks are in the corner of the stall : if they are the old-fashioned ones that run across the whole front, the stable from wall to wall should be just so much more in proportion to the depth of the rack, so as still to have the seventeen feet from the back of the manger to the wall behind the horses. This is wide enough to keep passers-by from any danger, and not enough to make the stable barn-like and cold.

Of pavement for the stalls there are various sorts, most of them having their advantages and disadvantages ; but at all events, the old and still common flint stones are decidedly the very worst article ever proposed to pave a stall with. They cut the litter to pieces : the horse cannot stand on them with his feet bearing level, nor can he lie on them in comfort, unless he has a waggon-load of litter under him, which in summer is heating and unpleasant ; and, above all, no man can keep such

a stall sweet. Hard, blue bricks, such as are termed fire-bricks, are very good, and will wear a long time; but the best are, undoubtedly, the clinker. I had once in Hampshire a stable with a chalk floor throughout, and very well (with a good deal of attention) it did; but it is at best a makeshift. The newly invented India-rubber floor I should think must in every way be excellent; at all events, it holds out numerous advantages. What per contra there may be I do not know: it is somewhat expensive as to its first outlay; but this does not prevent its being the most economical in the long-run. It strikes me the India-rubber holds out a very considerable temptation to its use in this particular—it has no projections, and, if it had, even those would be flexible; so that in summer time, with ordinary work, a small quantity of straw would make the bed soft enough, and have the advantage at the same time of coolness. There are numberless apparent savings in what is done as regards the horse, that are, taking them all in all, really a waste of money. The animal, unfortunately for himself, and very often for ourselves, cannot complain; so we go on gradually, but imperceptibly, injuring him without being aware we are doing so; but it tells in the long-run. A horse does not show at once that he does not rest comfortably, but his loss of condition will eventually speak for him; and a pound

or two in money goes but a little way in veterinary surgeons' bills. And in this way many pounds are spent under the idea of saving as many shillings.

All who have written on the structure of stables, or at least all who understand the subject, agree that for a horse's comfort the stall should be nearly flat. Dealers have them very much raised in front, to show off the horses; livery-stable keepers to make any wet run immediately back, to save straw; the old flint-paved stalls were so made, for otherwise the centre of the bed would be a regular cesspool. Nothing but a great declension could enable the wet to meander its way backwards. A gutter or drain behind the horses is an unsightly thing, and, were horses only to inhabit the stable it would be unnecessary; but as mares also stand there, it cannot be dispensed with.

I consider the best way to arrange the floor of a stall is as follows:—The iron of the grate in the centre should be 10 inches square, made of good hammered iron (and not cast). It should be a full half-inch thick, and its extreme edge, or border, much deeper, so as to give it a firm hold in its oak frame. From wanting this precaution they are apt to get out of place, as is sometimes seen with the round iron coal-cellar covers on the foot pavement in London. The stall floor should

be perfectly flat from the manger, till it comes within a foot of the grating ; it should then have a fall to it of half-an-inch. By this the fore-feet of the horse stand on quite level ground. It should slope in the same degree a foot each side of the grate, and also from a foot behind it. This is sure to take the wet made by the horse run into the drain beneath ; and his hind as well as fore legs stand level. This declivity on a well-paved stall is quite enough ; and when the horse lies down, the bed prevents his feeling it. I must remark here, mares should always stand at the end of the stable ; that is, the lowest end, as the gutter should be made with a slight fall.

In pursuance of my fixed principle, that what is best for any purpose is, in the long-run, the cheapest, in building a stable I certainly would make my standings of oak ; or, at all events, the boards of which they are made should be of that timber. They do not require to be made of the best sort ; so the expense is not a great increase on those of deal. The posts and top-rails, being of considerable substance, will have strength enough if made of any wood ; but if the boards are of deal, one kick in right earnest splits them. Where there is deal and within reach of the horses' mouths, iron hooping should always be fixed upon it. Gnawing soft wood is a favourite amusement with idle horses ; and anything that induces or

allows them to lay hold of wood should be studiously avoided. The same holds good with regard to the rack.

I am a great advocate for roomy stalls; but there is a proper medium here: if too large, horses, finding themselves so much at liberty, are apt to get a habit of rolling; which, with impatient animals, sometimes ends in injury, from their struggling to right themselves. Others, on finding themselves thus hampered, have the sagacity to lie still: in this case they are generally old offenders. I had one who, when short of work, was constantly found in the morning nearly on his back, with his legs resting against the standing, of course considerably above his head. Here he very philosophically waited till his groom came, who laying hold of the fore and hind leg next the standing, pulled the gentleman over. I often thought he must have been in the West Indies, and learned this mode of resting from the ladies there, who, I believe, however, get themselves to rights without assistance. It was remarkable, that this horse never got cast after a good day's work. It was only when idle that he played some pranks, at some time of the night or morning, that got him, as Jonathan says, in "a fix." Had he been a valuable horse, I should, of course, have put him in a box; but I had not one to spare for a forty-pound hack, and he appeared so composed

and comfortable in his Transatlantic position, that it would have been a pity to deprive him of so cheap a luxury.

Horses will be very commonly found to what is termed "hang back in their stalls" the moment the stable is shut and they find themselves alone; some will even do this when persons are present: this is a habit that always excites the greatest ire on the part of a groom; the broom-handle or fork usually correct this attempt, accompanied by swearing at the horse, and sundry condemnations of *always* his eyes, and frequently the limbs also. I have seen men insane enough to listen at the door, or watch at a window till they found the horse had committed this heinous sin, then rush into the stable and chastise him as unmercifully as undeservedly: we might, with as much justice, punish a man because he moved his person to get ease because we had placed him in a situation that rendered his position painful: but if any man has found he could teach the generality of grooms to think before they act, he has been more fortunate than I have in this particular.

The whole secret of a horse hanging back is, that where the stall is much on the decline, from the manger to the stall post, standing on an inclined plane causes his loins and hind parts to ache intolerably; he hangs back in order, if possible, to get his hind legs beyond the gutter,

thus diminishing by many degrees his standing up hill. In good and well laid stables horses are not found to acquire this habit; so the cause of it speaks for itself, and ought to be immediately remedied, which any common bricklayer may do if he pleases in half a day.

Five feet eight, in the clear, I consider wide enough for any horse's stall. If he is so fatigued as to want to lie at full length, he ought to be put in a box. This is, however, a position in which horses never lie long together, unless under very peculiar circumstances; for it is, in fact, a painful one to them, unless they have an unusual quantity of soft straw under them, the rotundity of their ribs creating an unpleasant pressure.

It is a most mistaken idea that a wearied body can rest *comfortably* on anything but a soft, yielding substance. *Rest* it will, and sleep will come, for jaded nature will rest any where, and almost any how; but if we lie on any unyielding surface, it is only the most prominent parts of the body that find support. These begin to ache from undue pressure on them; the other parts from having no support at all. Some foreign horses sleep on bare boards. They live, and perhaps do well; but they would certainly be more comfortable with a good bed under them. And it must be borne in mind, that these occupiers of bare

boards do not cross Leicestershire. Oftentimes when people say such or such a thing does not hurt a horse, he would perhaps tell a different tale, for in such cases it frequently happens that the kindness of the master to the animal is about equivalent to that of a grazier or butcher, who, when he tells you that this or that will not hurt his cattle, only means it will not injure the meat for the market.

We will now, for a short time, turn our attention to matters beneath the earth's surface.

Much has been said about draining stables. Objections there are, of course, to every sort of drainage; but I shall describe what I consider as the best. The drain should run just under the centre of the stalls, and should be twelve or fourteen inches deep, and wide, the lower part rounded barrel-fashion. This causes the water to run down much more rapidly than it would if the bottom was flat, and leaves no sharp corner for filth to lodge. The drain should have a very considerable fall — nearly two inches to the yard; with this, and a bucket or two of water thrown down it twice a week, it will be kept perfectly sweet. The higher end can be stopped up by a door, and the lower one would terminate in a receptacle for manure; or, if that should be impracticable from any particular cause, a cesspool must be made, to be emptied when wanted. Thus

no current of cold wind can come up the drains; nor will the urine from the horses be lost, which is a consideration, whether a man has land or sells the manure. Water thrown on foul litter will make it weigh, we know, but it will not make it into manure that will bring a good price; the liquid from the drain will. Short drains are frequently made coming from cesspools under the horse; that is, from the middle of the stall into the long under-ground one behind him (where there is one): this is a very bad plan: in the first place, it is impossible to clean the short drains thoroughly, being only able to get at one end of them; and the other objection is, it forms an angle, in fact, sharp corner, in turning into the longer one, which is certain to cause frequent stoppage, from filth getting collected. Now, the long drain under the horse being open at both ends, it can be thoroughly cleansed in a few minutes by a very long pole or two, or even three in succession, if required, being tied to each other till the requisite length is obtained, and with a kind of coarse mop at the end all filth can be got away, the drain, in fact, washed.

The pavement of the stall should also be frequently washed to sweeten it, taking the opportunity of a horse being out a sufficient number of hours to let it dry thoroughly. This is not often attended to, and greatly contributes to the offen-

sive smell of many stables from the whole of the urine (as will sometimes be the case) not going down the grate, and consequently getting between the bricks or clinkers, unless they are laid in very hard cement; what must it then be in the case of the common flint pavement? the interstices there become positively saturated with offensive matter.

I have mentioned twelve or fourteen inches as a fair size for a drain. It may be asked if a larger size would not be better. The reason why I prefer the smaller is this, if the drain is large, their being less fear of any stoppage, servants will not cleanse them sufficiently often to prevent offensive smells, whereas they are aware a smaller one requires more frequent attention, and consequently they cleanse them oftener.

Returning to the stable, we will look round and see what more is wanting there. If we should see that which in a badly organized stable is sure to be seen, namely, all sorts of stable utensils, and requisites, in holes and corners, on the window ledges, in the corn-bin (if one be in the stable), the steps of the loft-ladder, and various other improper lodgments for them, the want which will suggest itself at once is that of a good cupboard, or rather press, at each end of the building. Nothing looks more *unstableman-like* than forks, brooms, buckets, &c., standing about. Should it be at all dusk, or even by daylight if

your attention is occupied, the chance is you break your shin over a pail, and while dancing with agony on one leg, you hop into the dropping-scuttle, and out of that pop into the cold stopping-box.

One of the first things desirable in stable management is *rule*: by rule I mean a regular way of doing things; and this is a matter seldom attended to sufficiently, unless the stable is under the superintendence of a first-rate stud groom. I do not merely allude to the important matters of stable hours, dressing, feeding, watering, and so forth, but to the minor details; for though such things may appear trivial, they will at times be found important to attend to; I will merely mention, by way of example, two.

We will suppose a horse is going to be taken out; the groom takes off his head-collar, and, if he is an ordinary servant, he lets it fall into the manger: the horse is told to "come round;" in doing so it is quite likely the head-collar may have lodged on the manger rail: if so, on the horse turning, down it goes, and perhaps a hind leg gets into it, or possibly a fore one; the horse gets hampered and frightened, if a timid one, and then it ends as the case may turn out. Or suppose it thrown down, and nothing happens at that time, probably, from the same want of stable rule, the groom never goes into the horse's stall

before his return ; the animal gets up to his manger as quick as he can, and then the odds are much in favour of his getting one or *both* fore-legs entangled in the collar ; and here again it ends as the case may be, depending on the quietude of the horse. Now, if the man made it an *invariable* rule to fasten the head-collar to the rack-chain, he would from habit do it, as a matter of course.

It is the same by the clothing, if they are carelessly thrown over the standing ; the chances are they get down under the feet of the horse in the next stall, and are torn, or at least soiled. This would not happen if, on the man's return to the stable, he took the opportunity of shaking, and, if wanted, brushing them, folding them nicely up, and depositing them carefully in the horse's *own* stall.

From the same want of rule (but sometimes from want of convenience to avoid it) we often see a man hunting for his currycomb and brush, or any article he uses, under the manger, under the straw close to the standings, and in his various other hiding-places ; all this at once shows bad management somewhere, and looks most unstableman-like.

There are a variety of little technical habits as well as phrases in a stable, for the origin of which it might be difficult to account ; yet the

non-observance of which gives the impression (and such is mostly the case) that the groom is not a workman ; for instance, it may be said that if a hood is thrown over a horse's quarters, the position of the ears of the hood cannot be a matter of consequence ; nor am I prepared to say it is so ; but if I saw them standing an-end on the horse's back one bending forwards, the other backwards, like a hare listening, I should doubt the man being a finished stableman ; they look, as a sailor would say, "more ship-shape," brought through the eye-holes, and laying uniformly neat. All things in a stable should be done not from a man *recollecting* that he should do it, but from habit, as naturally as he brings up his left leg to follow his right, or *vice versa*. In fact, a horse that has been accustomed to be attended by a *stableman* will want to have little niceties done to him that a hawbuck of a groom never thinks of doing.

The presses should be made so that all things wanted can stand in them, or on shelves and pegs, also shut in. There will be a place for buckets, forks, chamois, sponges, dressing-tools, mane-combs, water-brushes, bandages, the men's strapping-jackets, and sundry other articles in daily use.

Anything like a shelf in a stable should never be seen ; not even a sill to the windows. I need scarcely say that nails or hooks in the walls are

absolutely inadmissible. A wooden peg or two to hang a bridle on while the horse is being saddled is a convenience, and not objectionable if never used for any other purpose.

Numerous accidents happen where utensils are allowed to stand in the stable. Horses coming in and out are almost sure to strike against them. This frightens them: they run back, hit something else, or run against other horses and get kicked. Should such a thing occur as a horse getting loose in the night (no very improbable circumstance, by-the-bye, in a badly-conducted stable), probably if he walked quietly about, or even into another horse's stall, if used to each other, no harm may happen; but if in the dark he gets kicking the buckets about the stable, as Dr. Pangloss did the phials about his shop, he (not Dr. Pangloss) gets frightened, frightens the other horses, and they all get kicking and snorting together; and then, to use the doctor's pet numbers, it is "two thousand five hundred and thirty-eight" to one that some mischief ensues.

Having now got a tolerably comfortable stable, that is, one not a bit too good for a hack, and quite good enough for a hunter, I come to certain little adjuncts to it, convenient if only destined for the first-named humble inhabitant, but absolutely indispensable to the more aristocratic tenant. The first of these are (in the stable)

gates to fall back against the wall, and fasten across from it to the stall-post at night. They are a small expence, and no inconvenience in any properly proportioned stable ; and in one whose six stalls contain, perhaps, a thousand guineas, they are a safeguard that it is reprehensible to omit. For, though a properly-made head-collar cannot be slipped off, in case of fright or a horse getting cast, some part of it may be broken, or if the safety-collar and rings I have mentioned are used, they will disengage themselves and get loose ; and a broken leg from the other horses in such a case is too serious a matter to be risked.

THE SADDLE AND HARNESS ROOM.

Something of this sort is quite a necessary appendage to the most ordinary stable. No horse appointment can be kept decently clean without it ; and multitudinous are the indispensable articles of this kind wanted. If even a number of horses are kept, it is true if a man does not object to sore backs and wrung shoulders, the same saddle and neck-collar may be made do duty for more than one horse ; but in mentioning what I hold as indispensable to such stables as those I have alluded to, and attempted to describe, of course we do not contemplate such grievances.

I will mention a case where I found that one

neck-collar, though it had been made purposely for a particular horse, was not enough; a horse of mine, that had picked up a nail, had been thrown for upwards of two months out of work, and had been merely exercised; being naturally a gross horse, he had become, by the time he was sound, very lusty. I wanted to join a party in a three weeks' summer tour; and this horse being a particularly good tandem leader, I took him, fat as he was, knowing we should only go easy and slow stages. For upwards of a fortnight all went on well; but then I found his shoulders began to chafe; and, in fact, on coming in one evening, they had become sadly scalded. I soon hit upon the cause of this; his flesh not being as firm as it ought to be when he started, he had lost in size considerably on the journey, and had got below his usual mark; consequently, though on starting his collar was tighter than usual, it had become too large for him; and then, as a matter of course, wrung his shoulders.

If people are contented to ride or drive horses in bridles and bits that do not suit their mouths, of course a very few will do; but if we want horses to go pleasantly, each must have his bridle; for though a horse may go moderately well in a certain bridle, a man with nice hands, and who is particular as to how he is carried, will not rest till he finds the bridle that exactly suits; thus,

even supposing we set out with a small stock of horse appointments, if a man often changes his horses, that stock will, in a short time, multiply greatly. Whenever I bought a horse, if the saddle he had been accustomed to be ridden with pleased me, I generally bought that also, if I could: the same with his bridle: of the latter, I should be afraid to state here how many I have had by me; but even of saddles I have often had at least thirty. I include my own, ladies', servants' saddles, exercising, and, perhaps three or four, racing saddles, of different weights: latterly I made it all but a *sine qua non*, that if I sold a horse his saddle went with him.

Independent of this accumulation from circumstances, when we come to recollect that summer or winter clothing has to be stowed away, sweaters with their hoods, &c., old clothes for sick horses, or those in physic, waterproofs to cover clothes, if travelling, &c., it will be found that not only is a saddle-room wanted, but a good-sized one, if only, we will say, seven or eight horses are kept.

And here, to save constant cleaning of spare bits, stirrup-irons, or any thing made of steel or iron, I will mention what some persons may not know, if a box or small tub of powdered lime is kept in the saddle room, and such things are

buried in it, they will keep, it may be said, *ad infinitum*, without care, or getting rusty.

I need scarcely say a stove is indispensable; and here, with a neatly-concealed bed, is a very proper place for one man at least to sleep. Here, also, in small establishments, may be the corn-bin—an article that I never wish to see in a stable, for two reasons: it takes up room; and the horses learn its situation so well that they get anxious and uneasy every time the groom goes near it. It is sometimes made and used as a seat; but it is a bad plan: where a seat is desirable, it should be one that falls down against the wall.

There must be boxes, as a matter of course, wherever hunters are kept; and there should be one, in case of sickness, wherever horses are located: it can always do duty for other purposes when not wanted for its general one. These do not require to be in any degree the same size as those used in racing stables. As places of quiet, unconfined, and undisturbed rest for wearied horses, sixteen feet (or even less, if necessary) deep, and eight feet in width, are all that is required for the horse's comfort. Double doors (that is, cut in two transversely) are useful in case of sickness, where there is but one; otherwise, the single door is to be preferred. These should be made to take off the hinges, that an

open-railed one may be substituted in hot weather, over which, of course on the outside, an open canvas should be stretched to keep out the flies, which is a wonderful comfort to the animal: it costs, perhaps, three shillings, and will last as many years. Under *no circumstances*, let the door be what it will, should it open, as I have often seen it do, *into* the box; for should a horse be taken ill and lie against it, it cannot be opened; for even with hinges to lift off in such a case, they would be inside: in fact, the door must be split or sawed to admit any one; and even then, till the horse is got up, it cannot be opened. Yet, obvious as this must be, strange to say, in a very large establishment, where there were six boxes in a yard appropriated to them, they one and all opened inwards. The master, however, had them all altered the next day, when I had represented their inconvenience.

When boxes are entered by a door on either side, which is often the case, the rack and manger should both be on the side of the entrance; for this reason: the horse, to feed with convenience to himself, and to get in front of his food, will always be found to stand nearly corner-ways in his box; so, if the food is on the side of the door, his heels will be away from the person entering; if the reverse, they will be towards him, which with some horses would not only make *some* dif-

ference, but all the difference to the safety of the intruder.

Many persons have quite a box monomania about them, and fancy one to be all but necessary to the well-doing of a horse. I am quite of a different opinion, though I do not affirm that my own is the correct one; but keeping a horse constantly in a box I consider a mild degree of solitary confinement. I think I may say all quadrupeds that are not *feræ naturæ* are gregarious, and this will deprive him of enjoying one of the first impulses of his nature. Turn a horse into a pasture, be the food ever so tempting, he will leave it, and clear the largest fence to join any horses he may see or hear near him. I am quite sure that horses are happier, and, consequently, do better in stables than in boxes, unless they are made with open work at a height that he can both hear and see his companions. Entire horses, that is, those that are highly bred, must be kept by themselves. They are so accustomed to it, that they would generally savage other horses if they could get at them; but this, I am convinced, arises in most cases from the mode in which from colts they are stabled. I quite agree that no entire horse, be he as quiet as he may, should ever be trusted in a situation where he can get at other horses; but I am certain that if, instead of shutting up half-a-dozen colts in what

is tantamount to a cell, they were in boxes, with walls, say five feet high, and the upper part made of iron bars, close enough not to let their noses through, they would become as accustomed to each other as a herd of deer or a pack of hounds. It is not their nature immediately and at all times to attack each other; if it were, how could they be gregarious? which, in a state of nature, they are. Even the wild ass, who is by far more savage than the horse, is never found singly, but in droves. They—the deer, the dog, or the horse—would at particular seasons have a fight occasionally; but when they do, it is where the female becomes the object of contention; it is the undivided companionship of her that rouses their energies to fury and battle, not any natural hatred or antipathy to each other. For the same horses that might be seen with crest erect, tearing each other like tigers at one season, would be found herding sociably together, and knabbing each other in perfect friendship a few weeks afterwards. If their combats arose from natural ferocity, or natural hatred, they would last all the year round; and this we know is not the case.

Why do we allow our dogs or deer to live in sociality? merely because they are not of sufficient value to induce us to keep them apart. And why do these animals live thus socially, and, on

the whole, harmlessly with each other? They have the same brute passions as the horse, and certainly are by no means more kind or generous in their natural dispositions than he is. The reason why they do not attack each other, as our entire horses would, when they meet, is, we encourage and habituate the one sort of animal to live together in harmony, while we totally prevent the other from doing so.

I have no hesitation in saying, that in doing this we pursue quite a wrong system. Horses are valuable animals, consequently, should be so far securely kept apart as to prevent the chance of their injuring each other; but it certainly would be better for them, and ourselves, if we so habituated them to associate as to do away with the inclination to do the injury.

I have known men send a couple of hunters to an inn, in order to meet some distant pack of hounds, and the order given was, "Mind and get a couple of boxes for your horses;" or the groom, knowing his master's predilection in this respect, would, as a matter of course, get them.

Let us see how far this proceeding, that certainly at first sight appears judicious, is, under every circumstance, to be recommended.

If I sent horses where there was only a large public inn-stable or two, I certainly should much prefer the boxes; not from thinking the solitude

of the box conducive to my horse's comfort or content—and, by-the-by, either in man or horse, where there is not content there can be little comfort—I should prefer the box from the objections inseparable from such stables, namely, my horses being constantly disturbed, and subject to the door being open at all hours.

My directions would be—"Get a two, three, or four-stalled stable (as might be wanted), and get your horses together, if you can." Let us see what would be gained by getting separate boxes. The horses, having travelled together, know as well as we could tell them that, though separated, they are in the vicinity of each other. They also know well enough that they are in a strange place. The consequence of being parted is that, instead of resting themselves and sleeping, they are anxious and fidgetty, and keep knukering (that is an apology for neighing) after each other all night. In such a case "a box to himself" is not so great a desideratum to a horse that is to meet hounds the next day as it is often considered to be.

We have heard and read a good deal lately (in slang phrase) of "the bottom of a stone jug." Now it is very possible that a few choice spirits and congenial souls might, in the bottom of this jug, be (to keep up the refinement of such language) "as merry as *sand-boys*," though *pro*

tempore “under the screw.” Here confinement is robbed of its terrors, that is, *quoad* such a party.

When I decry the general use of boxes, I beg it may be understood, that I only do so when alluding to them made, as they mostly are, as cells: that is, where the animal is debarred from seeing or hearing any thing to amuse him, or pass away the time. The reader may smile, perhaps, at the idea of a horse deriving amusement from seeing passing objects. I will, therefore, beg to make an observation on this subject, that, I think, goes a long way in showing that I am not far astray in considering that horses DO derive amusement from such circumstances. Most people have, no doubt, frequently seen a dog looking out of a window, and turning his head in the direction of passing objects, in fact, watching their motions. He is neither forced, taught, or told to do this; it is a voluntary act of his own; of course it amuses him, or, at all events, he finds a gratification of some sort in doing it. If a dog does so, why not a horse?

The reader who might smile, as I above said, at my opinion, may say he never remarked a horse looking out of a window. I can't help that. I have *many* (not a drawing-room window, I grant), but I never saw a horse shut up loose in a box that had a window in it, that he could get

at, that was not constantly looking out of it: nay, if a hole of three inches square only is left in the door, my life on it, look in at it, and the first thing that will meet your eye, is that of the horse looking out of it. If it is a half door his head will never be away from it, unless while taking his food, and when looking out he will, as much as the dog, follow with his eye, and even head, every object he sees pass near or at a distance. He is not made to do this more than the dog; consequently, we have every right to conclude, that he finds amusement in doing it; and of this we totally deprive him by shutting him up in a box.

I always conceive a horse *looks* unhappy thus shut out from the world. Look at him through a key-hole, or in any way that he cannot see you, there he will be found standing, his head drooping, and looking, as I make no doubt but he is, melancholy and dejected.

I am quite ready to allow that to be loose I consider an advantage, a comfort, and also an amusement to the horse, giving him the privilege, if in a large box, of moving about; and such a home, I agree, is preferable to a stall, if the animal can see his companions. But when he cannot, I am sure the solitariness of a shut in box is much more than a set off against any advantage it may otherwise hold out.

I may be asked if I am not so strenuous in my praises of these stone jugs, *alias* boxes for horses, how I can reconcile with my ideas the fact that the most valuable race-horses are kept in them. I fairly answered such a question before, by saying they were kept in them because, from having always been so, it became in the end a matter of necessity; but it does not follow that it is right. We lit our streets for centuries with oil, and ridiculed the man who first proposed gas as a substitute. However, we now find gas does tolerably comfortably for us.

Race-horses were *first* kept probably for the amusement and triumph of seeing them win their races. They were continued with a view to putting money in their owners' pockets by winning races. They are now pretty frequently kept for the purpose of losing races, by which their owners still put money in their pockets, though very few of them keep it there. I except the *select few*—double irons in Newgate to *them*.

But we are not to bring race-horses forward as specimens of sociability or good temper, either to their own species or to us. There are few of them we could trust to be walked side by side. They will sometimes fly at each other at the starting, and have been known to do so even when running. Some will not run up to their

horses: some will swerve away from them: others will not pass them. None of this shows the most kindly disposition. I do not say that their being kept solitary is the sole or absolute cause of this ferocity, but I am quite sure it contributes to it. All these things are tolerated in the race-horse. How far treating him in a different way would be beneficial or judicious, is not to my present purpose; but for whatever purpose we design the horse, there can be no doubt but the better-tempered he is the better adapted to that purpose he will be.

I always reason, or at least attempt to reason, from something like analogy; and there is much more of analogy between the disposition, temper, and temperament of the horse and ourselves than is generally supposed to exist. For instance, our bed is a soothing luxury to the sick or wearied frame; so is the box to the sick or wearied horse; and so long as the debility attendant on either remains, so long will the bed or box be welcome and grateful to the feelings to a certain extent, but no further; for the bed-ridden patient becomes tired of his monotony. And keep the healthful in the same situation, he would become nervous, timid, and silly, or morose and misanthropic, from want of community with his fellow man. The bed and the box, under the same circumstances, have, I consider, analogous effects on

spirits and temper where their constant use is persevered in.

I am aware that I have digressed somewhat from my present purpose in mentioning race-horses. I only did so lest my not being so enthusiastic in praise of keeping horses in boxes might be at once condemned because race-horses are kept in them.

CHAPTER III.

DIFFERENT KINDS OF FOOD.—HAY.—STRAW.—OATS.—
BEANS.—BEAN.—MALT.—BARLEY.—CARROTS.—CHAFF.

WE have long since, we will say, on the judgment of a friend, got what horses we want. We have got what we conceive to be a comfortable stable—a place for holding all the requisites for stable use, and a room for saddles, bridles, harness, clothing, and the et ceteras. We have now another most important thing to provide for our horses' use, namely, something for them to eat.

We are told, on much better authority than mine, though I could form a tolerably shrewd guess as to what would be the result of the experiment, that “not e'en love can live on flowers.” Now, in speaking of love, the idea of flowers always suggests itself to the imagination;—not that we are told, that even in Paphian bowers they ever stood in the place of any *entremets* intended for the palate. Our little friend or foe (as the thing turns out), who holds himself privileged to appear before ladies *sans* unmentionables, *sans* kilt, and, indeed, *sans* even an apology for one, is, we are told, mightily addicted to playing with

flowers; but I never heard that he ate them. Now, horses do just the reverse; they do not play with them, but they will certainly eat them. Yet, upon my own authority, I venture to assert they will no more live on them than the unbreeched urchin who scatters them so profusely in the way of young ladies and gentlemen *before they are married*. These retain their bloom the whole time the to-be-happy couple (*quære*) are in church—nay, form a fragrant path on their way from it; but, somehow or other (though it ought not to be so, I allow), by the time seven o'clock arrives, the loving couple (for, as I have said before, I like to draw conclusions from analogy,) begin to think, like the horses, that something substantial, by way of provender, would not be amiss, and that flower-totalism wont do. “Provender!” I think I hear some pretty pouting lip, with a little—a very little—affection, exclaim, “Provender!” Has the monster ever associated with any thing beyond a ploughman and his wife? Has he ever dined at a table higher than one where bacon and its concomitant horror, cabbage, were the head and front of the offence? Yes, fair lady, he has, though, sooth to say, he *has* dined on bacon and *abomination*, and, *faute d'autre chose*, with a good appetite too. He has, also, seen your lovely prototype take a tablespoonful of soup at ten sips; a particle of sweetbread, the

size of a nutmeg, discussed in atoms; a fairy slice from the breast of a pheasant, partly partaken of from having been helped so *abundantly*; half a whipped cream trifled with, and then an ice, the only thing allowable to a lady with a little affectation to declare a predilection for at a dinner-table. Yes, I have seen this, and, *per contra*, I have seen a woman of fashion, but with *no affectation*, take a fair share of a beef-steak, not a bif-stick disguised in Verey's best manner, but an honest *tranche de bœuf*, fresh from the common gridiron—and, further, hide her *petit* and aristocratic nose in a pewter containing double stout—nay, more, I once saw a cigar in a very lovely mouth, coming from the Opera. Yes, I have seen these and many more strange things in my time, in places and with persons that many wot not of. “But then these charming women, you know, will do just as they please.” And while they charm and please every one, it would be very hard if they were not allowed to please themselves.

We will now positively return to the horse, apologising for the gentle canter I have taken on the hobby.

We are now contemplating laying-in necessaries for the inhabitants of our stable, and shall very shortly enter somewhat minutely into the quantities required by each. But before we do so let

us see what different descriptions of forage we shall want, and then say something of its qualities. I believe if I mention—we will say for hunters—hay, chaff, straw, oats, beans, malt, bran, carrots, and oatmeal, we shall have all that can be called into use for horses in health. Barley, however, I have found occasional use for with horses of particular constitutions. We will first speak of

HAY.

This should, for *all and every horse*, always be of the very best quality.

Of all the other causes put together that occasion thick and broken wind, where one horse gets into that state from any of them, or the whole combined, nineteen become so from the effects of bad hay, but supposing it to be good, the proper or improper quantities given are all but life or death to the horse; in fact, eventually they are so. The effect of oats being light, thick-skinned, or taily, provided they are *perfectly sweet*, may be frustrated by increased quantity; but if hay is not nutritious, increased quantity is merely filling the animal with what does him no good in quality, but a great deal of mischief in quantity.

I have been frequently surprised at seeing many men, who were in other far less material points *careful of their horses*, careless, in an extraordinary

degree, in this most essential one, namely, the quality of their hay. Nothing should induce me me to permit a horse to eat a pound of bad hay, or, for a continuance, hay that is not of the sweetest and primest quality. It is the first thing I look at on going to an inn, or indeed to a friend's house, if I have a horse with me. I have frequently in the former case, if the hay was bad, had my horse racked up with a little sweet straw, and made him amends by adding a proper quantity of bran and beans to his allowance of oats at night.

I have been at friends' houses who grew their own hay, and on remarking it was not quite the thing, have been told, "No, it got a little wet in making," or, "it heated and moulded a little in the rick," and this by men who kept good horses. So, because they grew it, it seemed their horses must eat it. Why I would have sold it at twenty shillings a ton, and bought other, rather than a horse of mine should have touched it.

To bring the effect of bad hay still more strongly before the reader, I will again mention the gentleman's grey horse before alluded to as having so fallen out of condition. On seeing this falling-off, the first thing I did was to look at the hay. I found it not only bad, but literally offensive in smell, and visibly mouldy, added to which, it had all the appearance of being rowing, or aftermath.

There needed no further inquiry as to the cause of want of condition; and the first day I drove the horse with his master, a few short hacking coughs told me the vile hay had already begun its usual effects, for the horse had always been since I knew him most particularly clear in his wind, and altogether, with the exception of very slight thrushes, one of the most unequivocally sound animals that had ever passed through my hands. The owner expressed his fears that the horse had taken cold. I had none on that point, but many apprehensions on another. Had he been an intimate friend, I dare say I should have soundly abused him, and his hay too; but that not being the case, I limited my anathemas to the hay. Some good was then bought: the horse soon showed — aye, in a few days, the difference of the two by improved appearance; and I trust the evil was stopped in time. Had it gone on for two months, if he did not eventually find he had a broken-winded one, he would have had a greater share of good luck than I, under such circumstances, should hope for for myself.

But mistakes are sometimes made, even by otherwise good managers of horses, as to what is the very best quality. The first proof of its goodness is, no doubt, its fragrant smell; but even this might deceive us if we merely trusted to our nose, for I have smelt hay very fragrant that had

been more heated than it should be to be fit for a galloping horse. Horses like it, and I have heard people say it fattens. I suspect its fattening quality is chiefly that, if allowed to do so, horses will eat a great deal of it,—no recommendation to a hunter's stable. But we will suppose the hay to be sweet, fragrant, and of a good colour, showing it had been got up free from wet, and not overheated in the rick. Now as to its quality and substance.

It used to be a received opinion among grooms, and, indeed, many others, that hunters should eat none but “good *hard* hay.” Now, nothing in the shape of sweet hay could be more improper to give any horse intended for fast work than such hay; nor, indeed, is it desirable for any horse or beast.

First, then, for galloping horses, the great desideratum is to get into them the greatest possible quantity of nourishment in the least possible compass; consequently, whatever we give them should, of course, be the most nutritious of its kind. Of what, then, does this “*good hard hay*” consist, and what constitutes its hardness? Its hardness is simply this—there is a much larger proportion of a kind of grass called “bent” in it than there is in softer hay. Now, let any one examine this bent, which cannot be mistaken from other grass; I think they will find it about as

hard, and, in nourishing properties, about on a par with the wicker of which a clothes-basket is made, and about as easy of digestion. What set-off there is against what I must consider as tolerably forcible objections, I never yet found out. Hay should, in a general way, grow on uplands, and I allow, bent or bennets, as they are sometimes called, generally do grow there, because in very poor uplands they are the only thing that will. But "good upland hay" speaks for itself; it should come from good upland, not from sterile, dry hills.

The long tangled grass (unless it is artificial grass) is as bad as the dry bent, but, from another cause, it is generally more or less sour, consequently flatulent and not nutritious. This grows on low but swampy soil, and is only fit for cows, and not the best sort for them. Real good hay should (like that delightful adjunct to a dinner-table, a really good salad) consist of variety, all sweet and nutritious. Who would touch a salad consisting of only the long green lettuce? Parmentier's salad vinegar, with Kitchener's double relish added to its other sauce ingredients, could not make it *tolerable*.

It is quite a mistake that all soft hay is bad for horses. Aftermath, which is soft, of course, is objectionable, because the nourishment of the land has been nearly exhausted by the first crop; but

there is a look, independent of smell, in good hay that it is easy to learn to distinguish: and, as I advise by the purchasing the horses, if neither master nor man are judges of hay, let some one buy who is.

Another very great mistake that some people make in hay is, as to its age. Some will fancy hay cannot be too old: this is quite erroneous, for however good hay may be, age will take away its nutritious qualities. I remember saying this once before a groom (but no stableman), when, to my astonishment, he said, with an intended knowing look, he did not want hay to nourish *his* horses.

“Then what the devil do you give it them for?” burst from me involuntarily. “Perhaps you don’t want nourishment yourself. What do you say to making half your dinner on sawdust?” I hope I need not say he was not, or ever had been, in my stables.

That new hay is by no means proper for horses in work, is quite certain; but a little even of this, as an alterative, is by no means a bad thing. Hay two years old I consider old enough for any horse; and supposing horses to be eating hay in September 1848, that cut in July 1847 will hurt no horse in common work,—in fact, I would prefer it to the older; but that cut in 1846, I hold to be old enough for any race-horse; every day after

this I consider it deteriorates in its nourishing qualities.

We will now come to quantity, the desire for which, in the animal, depends chiefly on habit; for appetite, if in a state of health, depends greatly on use—that is, if we call that appetite which is in fact gluttony. A keen relish for what is eaten is a sign of health; eating enormous quantities is sometimes the result of disease.

I have astonished a good many carters, horse-keepers to coaches, and *some* grooms and coachmen, respecting what I considered a proper allowance of hay for their horses. But I am by no means one of those who consider a fair quantity prejudicial: on the contrary, good hay is a much better thing in a horse's stomach than wind; and if we do not give enough of the former for the stomach to feed upon, it is certain to get filled with the latter, which often leads to direful inconvenience, and, indeed, danger. To come to round numbers of pounds, I should say that sixteen pounds of hay in the twenty-four hours is sufficient for *any* horse fed on corn, as a horse ought to be for fast work, that is, taking the average per head in a stable of horses; from twelve to fourteen quite a liberal quantity for hunters. In fact, take the stable throughout, and hunting days intervening, twelve pounds, I think, about the mark they will be found to eat.

Horses not intended for galloping or any fast work, or, indeed, hard work of any sort, not requiring any thing like the same corn as those I have first mentioned, of course require a very considerable addition to such allowances of hay as I have mentioned, unless they are ponies or galloways.

It is true, that in hunting or racing stables hay is regarded as quite a secondary consideration. As a means of nutriment it is, in fact, like the small dinner-roll we use when sitting down to a plentiful board, a portion of food proper to be taken to prevent a too abundant use of more substantial fare: still that, like hay, should be, and in such cases is, of the best and most nourishing quality. Hay, when of the right sort, will keep an idle horse as fat as corn.

I will instance a case, by supposing two horses totally out of work. We will allow the one three feeds of corn a day, weighing (which good corn will) two pounds and a half per quartern measure, making corn seven pounds and a half; we will then allow fourteen pounds of hay, making a ration of twenty-one pounds of food in the twenty-four hours; we will allow the other half a truss of hay during the same period, and no corn: if both horses are of the same size, appetite, and constitution, the hay-fed horse (provided the hay is only twelve months old, and of a sweet and succu-

lent quality) will, at the end of three months, be found the fattest animal.

To give a lift to the character of *really good* hay, in point of nourishment, I will mention rather a curious specimen of stable management for years pursued by a venerable divine, a friend of my father's: he kept his carriage, so had done his ancestors (and judging by the appearance of the old landau, the same had passed through several generations), a horse for his own two-wheeled (whatever-you-please-to-call-it; it is a rather long but appropriate name for the article), a horse for his own riding, one for his daughter, and one for each of his two grown-up sons, making a stud of seven working horses, independent of two or three old pensioners, who luxuriated in idleness on bruised oats, bran, and whatever the worthy pastor thought would best suit their old gums and constitution. He had plenty of grass land, but no arable, and from the nature of the soil, and good management in haymaking, the parson had always by him the very sweetest and best hay in the country. On this, and this *alone*, without a grain of corn, the parson's working horses were all fed. It is true his carriage-horses and his own two never exceeded six miles an hour, but those of his daughter and sons not only did, but frequently joined a pack of old blue mottled southern harriers in the neighbourhood. These said hounds, I be-

lieve, were awfully slow coaches,—so they had need be for hay-fed nags to follow them: however, whenever I saw the parson's stud, which I frequently did, the entire were not only in good flesh, but fat, one and all. This eccentricity in stable feed did not arise from parsimony (as his old pensioners showed), but from finding that, with *his* work, really good hay kept his horses in good condition so far as looks and also good spirits went.

Independent of improper quantities of hay, and also of improper hay, being often given to horses, much mischief is often done by giving hay at improper times, than which nothing can be more injurious (save and except giving bad hay): but as I think it always desirable to bring something like proof of what I say when I can, I will now produce an instance of the bad effects of giving hay at improper hours, which will, probably, and indeed very naturally, bring more conviction than anything I could say merely grounded on my individual experience and opinion.

Shortly after my taking the management of the horses that worked a coach over seventy-five miles of ground, on my going down by the coach, the coachman mentioned rather a singular circumstance respecting the middle stages of the journey, which was, that the horses going from that particular change were frequently attacked by staggers, but he hardly recollects one instance of its occurrence

elsewhere on the whole line of road ; yet here scarce a week passed without a case occurring. This, of course, set me thinking : it was not that the coach loaded particularly heavily over this seventeen miles of ground, nor could it be the nature of the two stages, as to pace, for one was a very hilly, slow ten-mile stage, the other a dead flat galloping seven mile ; the horses were a fair average of the rest, and in average condition, the stable neither too hot nor too cold. As I intended stopping at this change all night, and the coachman waited here to take the up-coach, I had him in, to question him further on the subject of the staggers. I then learned what he thought to be still more extraordinary to be the case, namely, that over either ground both he and his brother coachman had found that the same horses that were so often attacked always were so in going *from* this particular change, but never in returning *to* it. This at once threw a light on the matter: it must be their treatment the twenty-three hours they were in this particular stable. I saw the horses treated the whole evening quite properly, and the same early in the morning ; but going into the stable about two hours before time for putting on the harness, I found the horsekeeper cramming the hay into their racks as if he was provisioning them for a week. On inquiring the cause of such proceeding, he told me he "*always* liked 'em to

have a bit in 'em; it gave 'em strength to work the stage." This, of course, was enough; the horses were *always* started with overloaded stomachs: that they had not *always*, instead of occasionally, an attack of staggers was the wonder. I tried what little rhetoric I was master of to convince the man of the danger and absurdity of his practice; but as I found he would not be convinced, I felt he would not be persuaded to obey my directions as to discontinuing it. He promised he would; but I set a watch on him, found him out, and dismissed him, and sent another man to take his place: from that time we had no more staggers from this change than from any other.

To conclude my remarks on hay, let me strenuously advise all young horse-masters to be most particular in procuring the very best money can purchase; they will find it a saving in the long run, for without it those experienced in keeping horses know perfectly it is out of the power of the best groom to keep them in health, and, consequently, in condition.

OATS.

Oats are, of course, a most important article in stable management; and these should be, as every thing a horse eats ought to be, of the finest quality. It may be thought that the weight of oats is not

a matter of great consequence, nor, in fact, is it to cart or common horses; but it is quite the reverse to such as we are particular about as to stamina, wind, and condition. Good oats ought to weigh close on forty pounds per bushel; for we must recollect that, in the first place, horses (excepting military ones) are fed by measure, not by weight; consequently, in giving light oats, we actually rob the horse of his proper quantum of meal, giving him husks instead: and if we fed him by weight, going on the principle that a pound of lead and a pound of feathers are both a pound, the principle would be a very bad one as regards oats; for, in that case, though the horse got his pound weight, if he gets an undue portion of it in husks, he is only filled with that which is of no use to him; so in every way light oats are bad for choice horses.

Some persons, indeed many, object to black oats. The only objection that I ever found to them is, they are apt to be taily, particularly the Tartars; but if they are neat, short, and round, I think them quite as good as the white—indeed, in one particular, better; as such as I describe as good are generally thin skinned.

Irish oats, that is, those sent to this country, are often objectionable, as a large proportion of them are kiln-dried, to give the look and feel of old oats; but when not, I think them quite as

good as our own. People might infer that they are not so from the fact that a much larger allowance of them is made to horses in Ireland than we give; their feed being always half a peck, whereas ours, in a general way, is only a quartern. This extra allowance is not, however, made from any acknowledged inferiority in the oats, but from the want of nutrition in the Irish hay, which, from the way it is treated in the making, is generally dry, tasteless, inodorous, and bad altogether. Figuratively speaking, they know nothing of good hay.

In point of age, I should say that, for horses in fast work, oats should not be less than two years old; after that I consider their farinaceous part begins to shrink, and that, consequently, a greater proportion of husk falls to the horse's share. The objection to new oats is, first, that they are flatulent; and, secondly, as is the case with new oatmeal with hounds, they do not, as we say in kennel language, "stay by them."

A proper stock of oats should always be kept on hand—of course proportionate with the number of horses kept. This should be done that we may not be taken short, and, consequently, obliged to buy at *any* price, or to put up with oats of a bad sort: but then care must be taken that corn in store is frequently turned over, otherwise it is apt to heat and get musty.

Next to having oats good, and of a proper age, it is a matter of vast importance to give them crushed or bruised to *all horses*: for this an oat-bruiser is desirable, as they should be bruised fresh and fresh, that is, I should say, once a week: the advantage to the horses is very great. If horses are delicate, they eat them better: if greedy, their bolting them is of less consequence; and with all horses they digest better, and go further in point of nutriment.

It is quite a mistaken notion with those who consider a hunter the most expensive sort of horse to keep (race-horses being out of the question): a hunter, take him all the year round, does not cost more than any common well-fed and well-worked hack—certainly not so much as a carriage-horse. These gentlemen, like the *gentlemen* who sit in front of, and sit or stand behind, the carriage, are never off their appetite, or into one; so nothing but the best does for them, and plenty of it. The usual allowance of London carriage-horses is three half-pecks a day, with beans when (the coachman pleases to think them) necessary.

Stage-coach horses in full work and health will go close upon hiding away their half-bushel each, with chaff; and for some old horses, beans with it: but they earn it: their exhaustion of animal power is great, and their consumption of hay is—or, at least, ought to be—a mere trifle. Doubt-

less, from this allowance of oats in the stable, there is a little “shouldering,” as there is from the coach on the road: but where we cannot always be present, and must trust to subordinates, the only way is to make a fair, liberal, but not profuse allowance; and if things on that allowance are done well, it is bad policy to notice any little advantage those subordinates may derive on particular occasions. For instance, a coach-owner whom I knew employed a horsekeeper on a particularly fast stage—in coaching language, “both sides of the road”—that is, both going and coming. The man’s horses did well and looked well; but he, like many horsekeepers, was partial to poultry, liked fresh eggs to eat, and his wife liked them to sell—in short, he had a very pretty little community of the feathered tribe. His employer, with that shortsightedness that characterises many persons, desired the man to sell off his stock—partridge-breasted game, poles, and dorkings. Going up the road some time afterward, he found this had not been done: he dismissed the man on the spot. His successor did not allow a feather to flutter on the premises, but he had his “*penchant*;”—he liked something more substantial: he owned a pig, that he located at the next cottage, and by Christmas had him a good fifteen score; and it was quite remarkable that the horses got thin in precisely the same ratio the grunter got

fat: when killed he exhibited a spare-rib well covered, while the horses exhibited only the usual number, and those not covered at all. The poultry-fancier was brought back, when, out of pure devilry, he brought also back a lot of Malay fowls in addition to his old stock, and turned them down before master's face: notwithstanding this, the horses soon showed who had the care of them.

Cart-horses (a description of animal that, among most other of a domestic kind, I have had the pleasure of entertaining at rack and manger) I always allowed two bushels of oats per week, which is not too much. If the master achieves that rather difficult task of making them do a fair day's work, it is not too much, with chaff (and when the work is hard, beans), which they take as a kind of whet to their appetites for hay (as some persons do oysters before dinner); of hay, cart-horses will consume half a truss in the twenty-four hours, and, if the carters are not well watched, even more: for nothing short of absolute exhaustion of the masticating powers ever yet convinced a carter that he or his horse had enough.

We now come to the kind of horse I will suppose the reader about to keep, namely, a moderate-sized one, for moderate work, in harness, or for the saddle. For such a horse, four quarterns

of corn and a truss of hay in four days are quite sufficient; if a horse merely to ride for an airing, three quarters are enough, with perhaps a trifling addition in that case to his hay. Straw is an article somewhat expensive in London; in the country we reckon little upon it, as farmers will, in some places, supply it to have the manure in return, in others for the manure and a small compensation: but we will look at the thing altogether as it stands in London, and take the horse as eating four feeds per day. We will take oats on an average at twenty-four shillings per quarter, hay at four pounds ten shillings per ton, and straw at thirty shillings. In stating these prices, I reckon on their being laid in at a cheap season of the year, bought for ready money, and at first hand. Persons who have no room for storage of provender must, perhaps, pay something more in some places than the prices here set down; and less straw (if scarce) will do. I have said nothing about beans, bran, or an occasional malt mash; neither have I mentioned carrots, these being occasional additions that it would be impossible to reckon on so as to mention a price or weekly sum as the cost of keep.

	s. d.
Seven pecks of oats per week, at 1 <i>l.</i> 4 <i>s.</i> per quarter	5 3
Seven stones of hay, at 4 <i>l.</i> 10 <i>s.</i> per ton	- - 3 11 <i>½</i>
One hundred-weight of straw, at 1 <i>l.</i> 10 <i>s.</i> per ton	- 1 6
	<hr/>
	10 8 <i>½</i>

Thus we see a moderate horse is, with good management, to be kept for, say eleven shillings a week, so far as feeding goes, which my friend calculated at something like 1*l.* 18*s.* Horses working harder, or larger horses, must, of course, get more ; but as reckoning corn at a fair average, it will cost about two-pence farthing a quartern, if five feeds or six become necessary, there can be no difficulty in any person calculating what his horse's provender ought to cost, if kept in the owner's stable ; and, allowing a horse to get the topmost quantity of oats that private horses ever eat — that is, six quarterns per day — the keep only then comes to about 13*s.* 4*d.* per week as to forage.

It may be said, and with great truth, that horses belonging to ladies particularly are generally badly managed, and the owners much imposed upon. First, ladies cannot go into their stables to see how things are done. I have no wish that they should go there, neither is it at all necessary ; and, indeed, setting aside the impropriety or inconvenience of their doing so, as ladies' stables are generally managed, they are not the most agreeable places in the world. But ladies have often honoured me and my stables by walking into *them* without feeling any inclination to use their smelling-bottles, or finding a French slipper soiled from the visit. We will presently

see that a lady may have her horses kept in a proper atmosphere, though she does *not* go into their stable.

The next reason to be assigned for the mismanagement and imposition practised in ladies' stables, and in those of persons not knowing much about them, is, they do not know what their horses should consume. I know they do not; and one of the objects of this work is to tell them so. Those who flatter me by reading it now will know; and a tolerably liberal share of abuse I should get from their servants if they knew I had told this.

I must do servants the justice to say that many really demand more provender for stable use than is necessary, from a mistaken idea that they cannot stuff horses too much. Now, the fact is, it would do a mere park-riding horse as much mischief to give him six feeds of corn a-day as it would be detrimental to one doing full work to allow him but three. Where a man, from mistaken kindness, fights for what *he conceives* to be his horses' due, I should rather applaud than blame him; I should merely use precaution to prevent bad eyes, asthma, or broken wind (the almost certain effects of repletion and obesity) coming into my stable.

Notwithstanding my fear of this, and having named what I consider, under ordinary circum-

stances, a fair allowance of provender for horses, I am aware I have to mention beans, malt, bran, and carrots as adjuncts to such feeding : with some horses these are absolutely necessary, but are little additional expenses, easily calculated, whether occasional or daily.

BEANS.

These are a portion of food in much greater vogue formerly than now ; in fact, our grandfathers considered no horse could work without them. Many certainly cannot, as many in certain work would be materially injured by them. Of the latter, I should instance horses doing very fast work, but of short continuance. With such they are heating, and by no means unlikely to produce fever and indigestion ; whereas, to horses having to undergo long-continued fatigue, and particularly if exposed to inclemency of weather, I think them quite necessary. To instance, I would not indiscriminately give them to four horses going over a four-mile galloping stage, which they might be allowed only fifteen minutes to do it in ; but over a twelve or fourteen mile stage the thing is different. Here they want something, in stable phrase, to "stand by them :" their work is slow, but it is a long draw on the animal spirits and powers; and sheer bodily

strength and stamina is wanted. Champagne, could they afford to drink it, would be a pleasing and efficacious exhilarator to men in training for a-quarter-of-a-mile race ; but the coal-porter (or whatever they call him), with a barge-load of coals to carry into store, wants Barclay and Perkins' strongest double stout to support his continued Herculean labour. To hunters facing, as they formerly did, cold early mornings, and then killing their fox by hunting him down, beans were quite necessary to help them from a dozen to twenty miles home again. But now, when we courteously wait till the sun is near his meridian before we try for our fox, and then do not give him a chance of getting us twenty miles from home, they are by no means necessary. Such horses as, from delicacy of constitution, are apt to pass off their food quickly, require them ; and they are of great benefit, in a general way, to old horses, whose blood flows more languidly than that of young ones, consequently want such a stimulus. Horses on long journeys really require beans ; and, in fact, if horses are accustomed to them, they cannot work without them. Two things should, however, be strictly observed in giving beans ; first, that they are bruised (*not ground*), and, secondly, that they are not given just before a horse starts on quick work : nothing is more likely to produce colic. Late in the day, and

night, if on a journey, is the proper time to give beans. There is, however, a third precaution to be observed as regards beans,—they *must* be old, if given at all. New beans are worse than useless; they are absolutely dangerous in the extreme. Old beans I consider to be to the horse what sound old port or ale is to the man: new ones are tantamount to drinking sweet-wort or port while undergoing its manufacture, and, consequently, produce the direct opposite effect to that for which we seek in giving them to such horses as we judge may require them. I should say that in a general way half a quatern, split or bruised, is enough. Certain work and certain constitutions may require double the quantity, but more than that I should say would be injurious. I have, however, I remember, mentioned, in something I have before said of beans in another work, a case where I gave considerably more, but it arose from the following cause. Some years past oats were for some months at an enormous price, and in the particular neighbourhood where I then resided they were nearly sixty shillings a quarter. I had a strongish stud, but, unlike my general practice, I had run out my stock of oats, but had by me an unusual stock of old beans, so, during the three months oats kept at this killing price, I fed my horses on them without oats; but then they had bran in

such proportion as I thought brought the mixture to an equivalent to corn ; and I must say my horses never did better. It was, perhaps, in point of healthfulness, similar to drinking brandy diluted with water in lieu of sherry without it.

BRAN,

If fresh and perfectly sweet, though not an article of great nutriment, is one without which a stable of horses cannot be kept for a continuance in common health. Currie is an excellent dish. Why do we eat rice with it ? Certainly not to improve its relish, but that the condiment would be too exhilarating to the stomach without this corrective. Bran, after a day of unusual excitement to a horse, such as a severely contested race, a steeple chase, short match against time, or an unusually fast thing with hounds, would perhaps save his life, by preventing fever or inflammation of the lungs or stomach. Nothing, in short, is more grateful to a horse, if we find him at all feverish in the evening, and is then a safe and good thing to give either in lieu of, or addition to, his usual food at night ; and here is one of the cases where the judgment of the groom or master is called into play. Distress to the horse arises from two causes, each producing, in the first instance at least, two different results ; the one excessive languor and depression, the other rest-

lessness and fever ; — the former caused by long-continued fatigue, where the frame and spirits are completely exhausted ; the other, where over-exertion for a short time has produced distress of the lungs, heart, and abdominal vessels. In the first case, it is nourishing and invigorating remedies that are wanted to re-animate the flagging and exhausted system ; in the latter, soothing and sedative ones, to allay irritation, and bring back the agitated and distressed parts to the usual state of quietude. I have seen terrible mistakes made in the hunting-field with horses that were dead beat ; and many a horse in such a state has been rendered incapable of coming out again for weeks, or, perhaps, for the remainder of the season, from the (formerly almost constant) use of the lancet on such occasions. People have got wiser of late years in this respect, and have learned that when nature is *pro tempore* exhausted, exhausting it still more is not precisely the way to accelerate recovery. I always carry, when hunting, and indeed at most times, a lancet about me, and it has at times been of use to my friends' horses ; but when requested to use it, I have much more frequently recommended a quart of ale, with some spice and a couple of glasses of spirits in it, and the horse being got to the first comfortable place of rest that could be got, and either given or drenched with some well-made

gruel. There are cases, however, where copious bleeding, and that done without hesitation, is absolutely necessary; and in such I have used the lancet as freely as any one. To instance, where, from great sudden exertion, we find the horse stop, his mouth dry and hot, the action of the heart greatly accelerated, and the abdominal vessels in a state of flutter, the animal beginning to stagger, shiver, and have a frightened look, here bleeding will probably stop staggers and inflammation coming on; and bran tea, or a bran mash, if he can be got to eat it, is all he should be allowed till we find the pulse begin to beat with its usual pulsation. It will, probably, shortly after begin to beat feebly and slower than usual: in that case, we may consider that life is pretty safe; and then nourishment may, and, indeed, should be, carefully and gradually given. Laudanum, in cases of this sort, is a very dangerous article in the hands of an ordinary groom; he has, perhaps, just learned enough to know that it is a sedative: so it is, given at a proper time, and to prevent inflammation taking place; but where it actually *has* done so, it is usually as improper to be given as it would have been judicious when we only feared its coming on; our friend bran must then be the sedative.

Bran is also most useful where we find water hard, or a horse subject to be affected by it:

indeed, it is always a safe precaution to use it where we are not certain of its nature; a few handfuls stirred in will render hard water safe and innocuous even to delicate horses.

Bran, properly given before physic, will, in (I may say) all cases, prevent gripes, if the physic be good; but not if merely given as grooms often give it, namely, for twelve hours only before the ball is given. I always give it for two days and nights prior to this; some corn with it the first day, but none the last: in this case the horse is half physicked before the ball is administered; and five drams of good aloes will go as far as seven or eight if otherwise treated, and for many horses is quite enough, and six I should say enough for any ordinary horse. I have heard many persons say a horse does not recover from a dose of physic for some days: in such a case it is not so much the evacuation that he does not recover from, but the having really suffered while the medicine was in operation, which he certainly will have done, and severely too, if not properly mashed prior to taking it. So far from a horse being depressed by medicine, if properly given (*and he wanted it*), he will feel himself the lighter and more cheerful after its proper operation: in short, bran is of far greater importance than it is often given credit for being; for if corn puts a horse in vigour, bran keeps him in health, and, by preventing disease, plays its full

part in promoting and keeping up that condition the other more strengthening food has brought him to.

MALT

I have alluded to, as a useful occasional article for stable use ; and made into a mash after a long day, or where we think a horse feels chilled and uncomfortable, it will sometimes be taken by horses shy of a bran one, and in such cases is a most nourishing and consoling supper ; it is also most useful where horses are recovering from illness : in short, in any case where we should like a basin of gruel with a fair allowance of sherry in it, in preference to more solid food ; in a similar case, a malt mash will be found as soothing and comfortable to the stomach of the horse.

BARLEY.

This is an article but of very rare use in an English stable, though the Easterns use it entirely as stable corn : it is, however, by far too heating for our horses : possibly in hot climates, where horses sweat profusely, its heating qualities may be carried off through the skin. I have occasionally found it useful to horses who, from weak constitution or a nervous temper, are apt to be more loose in their bodies than we might wish.

When I had the management of my father's horses as well as my own, he had a favourite old horse that I fed wholly on barley, that is, as corn feed. I tried him repeatedly on oats with beans, but a few days showed the change both of condition and spirits; so barley he ate till the day of his death, which did not occur till he had carried my father thirteen successive seasons, and was twenty-four years old. He went at that age as well as ever he did in his life, had not the vestige of a windgall on either leg, never was lame, nor had an ailment of any sort. He was suddenly seized with paralysis of the spine, died, and was buried with all due honours.

I believe that barley soaked in water and then left to sprout is a good thing to bring horses out of work into condition, but I never tried it. Barley, like all stable corn, must, of course, be of a sufficient age, and bruised.

CARROTS.

Having had so many horses of *all sorts* under my care, I have used carrots in large quantities; and they are with me prime favourites, either for horses in or out of work, the only difference being as to the quantity given and the time of year. Towards spring, when horses have been many months highly fed on corn, they are extremely serviceable, indeed necessary; in winter I used

them very sparingly. They used to be given to race-horses in far greater quantities than they are now, having the character of being good for the wind; but I suspect the only merit they can claim in this respect is, that they keep the body cool and properly open, by which they conduce greatly to health and condition, and consequently to clearness of wind. About the same thing may be said of their claims to producing a fine coat: whatever conduces to health does so, consequently carrots do. To any one who has been in a racing stable, or in any well-conducted one, it may seem almost useless to say that carrots should be sliced in pretty long slices; but I have seen them given by those calling themselves grooms cut crossways: this is really dangerous, as horses are extremely fond of them, and, if at all greedy, would be apt to bolt pieces of them whole, which would be quite likely to cause some of them to stick in the throat.

Some persons give carrots with the corn, thinking it tempts horses to eat their oats, if of delicate appetite: so they might if perfectly minced, otherwise they will pick them all out, and then the groom may eat the oats if he pleases, for depend on it the horses would not; but if we were to make minced meat of them, I should still consider it a very bad plan to give them with oats; for should the horse get accustomed to such a

mixture, he would afterwards refuse his corn without it: for this reason I always gave them as separate food; and, if bought at a proper season of the year, by the ton, in the country they are by no means an expensive one, though they become extremely so when a London coachman can persuade his employer that they are necessary for his horses, buys them by the bunch, consumes two of those in his own family, and, if he is delicate as to conscience, gives the third to his horses; if not, they, of course, all go the same way. Carrots, if kept in a dry place in sand, will keep a long time, or in *sand* they will keep out of doors, if covered with straw, and then banked up with earth.

CHAFF.

We must not be quite inattentive even to a small item in stable feeding—the produce of hay, namely, chaff. This is rather a plebeian term, as connected with racing or hunting stables, and, I believe, in the time of even our fathers was but little used in such establishments, either in name or commodity: it is, however, a most wholesome and necessary adjunct to corn for all sorts of horses; it prevents them bolting their oats, causes proper mastication, and, further, gets horses that are gluttons out of the habit of wasting oats by throwing them out of the manger in their greediness to get at them.

I need scarcely say chaff should be fresh, that is, not laid by long after being cut, and of the very best of hay; I have sometimes found a little cut from pure clover-hay coax horses to eat their corn if mixed with it, when off their appetite: in a general way, I should say a little chaff should always be given with corn, unless, perhaps, on the morning of hunting.

CHAPTER IV.

STABLE ECONOMY — HOW TO SET ABOUT IT.—EVILS OF IMPROPER DIRECTIONS.—THE RIGHT SORT OF INSTRUCTIONS.—INGENUITY OF SERVANTS.—CHOICE OF A GROOM.—ORDINARY COST OF KEEP.—TABULAR STATEMENT.—VETERINARY SURGEONS — WHEN TO BE CONSULTED.—ILLUSTRATIVE ANECDOTES.

WASTE in stables seldom arises, on the part of London stablemen in particular, from the amiable weakness of fondness for their horses. There is a kind of general, and, one would think, intuitive hatred on the part of all servants — or, at least, of nineteen out of twenty — to *any thing* that they conceive borders on economy, so far as their employer's pocket goes, in the stable or out of it. The lady of the house would find, if potatoes were sixpence a pound, and bread and meat unusually cheap, the demand on the potato-merchant would be enormous; but if bread happened to be ruinous, only hint at the vegetable being used in greater proportion as a partial substitute, a potato would no more be eaten than a sand wash-ball.

I have had pretty much to do with stablemen and boys of all sorts and grades, from the riding exercise boy to the stud-groom and the wearer of

the tier-on-tier caxon, and I must say I never found that any fanatical feelings of religion could be laid to their charge. Still I have seen instances where the researches of the two last-mentioned functionaries have been deep enough to carry them on to one particular parable, which appears to have taken a firm hold of, and made a lively impression on, their imaginations; and, singular enough, but so it is, the researches of many hay straw and corn dealers appear to have reached precisely the same point, for "Take thy bill, and sit down quickly, and write fifty," is pretty generally understood by both parties.

Never having been so situated in life as to warrant my giving two hundred a year to a stud-groom, it follows, as a matter of course, that my horses, in every way, cost me less keeping than those of the man who did so. Not that they ate a grain of corn less than Lord Plymouth's; but I will answer for it, by their condition, they ate all that was paid for. Nor would I allow them to be less comfortably lodged, or the stable in any one particular less in perfect order; but I will answer its being done by proportionably fewer hands. I detest badly made, badly turned out, or shabby appurtenances to a horse; I would not have any of them on or about him a bit behind those of the noble lord: but *their* first cost, and still more their time of duration and keeping in

order, would be found very different items in the amount of proportionate expense. All this, probably, is a matter of very minor consideration with a man who could afford to keep twice the number of horses he does if he could use them; but it is one of serious import to one who, like me, always kept as many as he could afford, and, if the truth must be told, sometimes more.

Why this great difference should arise in keeping the same sort of animal in precisely the same state can easily be answered, by saying it arises from the different position of the owners; but to answer it more in detail — it is caused by the different effects produced by “*Eo*,” and “*Ito*.” This I got far enough in the classics to understand as a boy; of course I understood it as a man; and I doubt not those I employed somehow learned to understand it also, though I never gave them the chance of trying the difference of the effects of the two.

It will be remembered that these sheets are not intended for those who only look to the stud, but for those who consult the healthful state of the “pocket and the stud.” It may be said that among these the “*Eo*” would do more harm than good. I am aware it would. Here it will be very proper to say “*Ito*;” but let it be to someone who understands what he is about — not in one case in a thousand to a servant, but a friend,

and let it be quite understood that his directions *must* be obeyed.

Some servants would, I know, be in open rebellion at this; such as study the parable unquestionably would. "We arn't going to *stand* two masters:" — "Then pray *go*," would often settle the matter, if not, get others who study *honesty*.

I am willing to allow that no servant has a right, as it is called, to "stand" two masters; nor need he, for if his legitimate master or mistress know nothing of stable duty, or, as with the latter, cannot look into it, he will, so far as duty goes, have but one to be directed by, as, in such a case, the master or mistress would do well to merely order their carriage or horses when they want them, and interfere no further. With such a friend to direct, even ladies need not be imposed on, as they generally are, or have their horses as improperly treated as they generally are.

Should, however, a master know only enough of stable business to be able to see that it *is* done, when told by somebody who knows better *how* it should be done, he had much better candidly tell his servant, "Mr. So-and-So says such a thing should be done," than to give directions that are absurd or useless; or, if they should be judicious, to pretend they are the result of his own judgment, for servants are quick-sighted

enough in these particulars ; and if they are worth having, though they will evade obeying useless directions, will obey proper ones, come from what source they may : and the next best thing to being able to direct yourself, is letting your people know you act on the judgment of one who is. They will then know it is useless to attempt to reason or argue—a talent that some have in great perfection, and are very free in using, if permitted to do so.

If a servant who knows his master understands but little of horses refuses to listen to directions from one deputed to give them (who, of course, must be competent to do so), depend on it the refusal has its origin in one or all of the following causes :—ill temper, idleness, self-sufficiency, or an intent to plunder. Most servants will kick at first in submitting to what I recommend their masters to do. I neither blame a servant nor a horse for kicking if they are imposed upon, and with either would be the last to give them reason to do so. I have had both kick stoutly ; but I do not mind a little larking under certain circumstances—it keeps one alive. Now some horses and, figuratively speaking, some servants, will kick just over their traces when called on to work, by way of experiment, to see how the thing will do. It may be very right and very proper to stop your coach and extricate them for a time

or two ; but they are cunning enough, and, expecting this, will often try the same trick on again, and would then be constantly at it. The next time my gentleman makes a rocking-horse of his trace, lay the double thong well on to his ears. Let him take his entire side of the coach along for a mile, with the trace chafing his thigh ; the chances are, if he gets the opportunity, he will kick himself back into his proper place, and not get on his hobby again. I must apprise those readers who might, from want of practice, find the three yards extra of thong somewhat difficult to catch on a windy day, that double-thonging a horse over the ears is one of the severest applications that can be made with a whip, and one that never should be resorted to but on extreme occasions, and where we are quite certain it is fully merited. So in any commands we give, or in any reprimands we may use towards any person, justice, good feeling, and, indeed, common sense, demand that we are quite sure the command is proper, and the neglecting or disobeying it does not proceed from its impropriety, or the impossibility of its being carried into effect. Nothing pleases a subordinate more than to receive a command that he has the opportunity of showing to be absurd or unreasonable. It authorises hesitation in obeying, and discussion on the propriety of any that may be subsequently given.

To prevent such an unpleasantness on the part of a lady, or one unaccustomed to horses, the mode can be prescribed in very few words. We will, of course, suppose that the horses and their accompaniments are wished to look as they should do for the purpose for which they are wanted. The first thing is to be made master of what proportion of work it is reasonable to expect from horses in their different capacities, and the mode in which, and times at which, such work should be called for. We will, of course, suppose they are to have a comfortable stable, comfortable clothing, and the man to have proper time to do his business, and all that he requires in reason to do it with; the next thing, the proper and liberal allowance of provender of different sorts that is necessary to keep up the required condition. Having learned this, and that the horses are in good health at the time the man takes to them, there can be nothing unkind, unreasonable, and still less overbearing, in her addressing her servant in something like the following strain: — “I give you charge of my horses in good health and condition. I shall only use them in such a way as authorises my expecting them to be kept so. I make such an allowance of provender as I am told by those who perfectly understand such matters is fully sufficient. I shall take care that your situation

is made a comfortable one to you ; and so long as you do your duty by me and my horses, you will keep it. But remember, that as I cannot go into my stables, my friend Mr. —— will do so for me, and you will attend to what he says as if it came from myself. Provided my horses look well, you will find that no unnecessary interference with you will take place ; but if, on the contrary, I am told they are neglected, or, what is the same thing, look as if they were so, the same day you go, unless I am told by competent judges that you are not to blame ; and I never break my word."

With such an exordium, no good servant would be afraid to enter on his charge, and doubtless would do his duty ; while one less well-disposed would be afraid to neglect it. He might try "the kicking over the trace ;" but if he found that on the first attempt Mr. —— pulled him up, he would find it would not do, and would probably compliment his lady by saying "that Missus had learnt what's what ; and if a man wanted to gammon her, he had got the wrong (some quadruped he would mention) by the ear."

Here, I trust, I have shown, as I intended to do, that even a lady may have her stable and horses attended to without being imposed upon, and without making a stud-groom of herself ; but,

as I said from the beginning, she could not do this without the Mr. — ; and I know some *gentlemen* to whom he would be all but as great an acquisition as to the lady, though perhaps it would be difficult to persuade them that such is the case. They do without him, it is true, consequently they pay for it.

If a man is positively determined, right or wrong, to go his own way to work, of course he must do so, and he will find, independently of his stud being badly done by on that account, the effect of his giving improper or injudicious directions will be that he will get no servant to live with him that is fit to go into a stable. A good ordinary strapper would not live in his service; for I must say this for stablemen — there are many that would in certain ways ill-use, neglect, and impose on their master, but would not allow their horses to be treated in the same way. I had a carter the most confounded thief in the world, and his ingenuity in many ways was first-rate, where any thing for his horses was to be got at. For instance :

He had been seen several times bringing a sack of something from under the granary, which stood on stone staddles. No notice had been taken, supposing it was something he had put there for a temporary period out of the way; but he got "bowled out" at last. It was found

he had bored a hole in the floor under the corn. In this he had a bung, which went up close, and only looked like a knot in the wood till closely inspected. I did not do as some hasty masters would have done—"draw his cork" (as the fighters say), and then turn him away; but, of course, for example sake, I got a constable, and talked of transportation, and probably should have given a day or two of peculiar temperance but for the fellow's coolness and ingenuity. On my calling him a thief he indignantly replied, "Now, dang it, I beant noa thief; I never took nothing off your premises :" and I suppose seeing this made some impression, he added, with a grin from ear to ear, "You'll have it all back again, you know, measter." He was an excellent fellow, and I am sure would not have taken a piece of bread for himself if he had wanted it.

To a man obstinately bent on acting on his own judgment it would be useless to say much, otherwise, much as I deprecate permitting servants to give their opinions, I should, in his case, remind him of a quotation—"Fas est ab hoste doceri," or, in more vulgar phrase, "Never refuse a light from any man's candle." *Anybody's* advice that is *good* is better than that dictated by your own judgment, if that happens to be *bad*; and, in such a case, the recommendation of a good servant is not to be despised. But there is one serious

consideration to be discussed here. Is the groom that such a man would take competent to give advice? for I should be led to fear that want of knowledge of horses would also comprehend the same want as regards the qualifications of a groom. And we may fairly infer the sort of servant he would get would be a shade or two behindhand in point of knowledge, if compared with such men as have charge of studs at Melton. Of their opinion I should be always happy to avail myself; but then it must be remembered that they are selected by those who know perfectly well the duties of a stud-groom, and only keep them to save themselves trouble—not because they are incapable of giving proper directions themselves. These grooms know this, and though highly respectable men, it has no small share in contributing to their strict attention to their duties and their stud. Such servants are a great addition to the expense of each horse, we know; but they effect a very considerable saving in the long run when compared with valuable horses being under injudicious management, whether that proceeds from master or man, or both.

Such men are not wanted, of course, by persons who keep three or four ordinary horses for ordinary purposes. Such would not warrant the expense; but for them, unless their master wishes them to be always in some trouble, and himself

also, a good servant is required. And then unless he has (at least, occasionally) over him an eye that can see, and a head and tongue to direct, the chances are he will sooner or later become a bad one. If the master happens to fall short in the first two qualifications, the less he uses the latter organ the better; otherwise, should the servant be a middling one, their joint acts would only make bad worse: should he be a good one, he will leave his situation. So, under each and every circumstance, it will be seen that the only way for a person to have his business tolerably done, if he cannot, that is, if he is not qualified, to direct himself, is to avail himself of some one who is.

Numbers of persons are deterred from keeping horses from conceiving the expense of them to be much greater than it really is, or, at all events, need be, if they are properly managed. Such persons often expend in omnibus, street-cab, and job cab-hire about twice as much as would keep them a well-appointed Brougham or Clarence for their family use.

A friend of mine, who lives in pretty good style, with the exception of not keeping a carriage, when speaking on the subject, and enumerating the probable expense of only a single horse, among his other items set down the forage of the horse at a hundred a-year; this being, in fact, quite as

much as any three ordinary horses could be got to consume in value.

I make no doubt there are persons who are cheated out of such a sum as my friend contemplated, and that such a sum is consumed in food—but not food for the horse. The baker and butcher, I consider, in such a case get an honest two-thirds, and the horse as little of the remainder as possible to keep him in decent condition. All this imposition arises from the same cause as that which will always occasion such persons to lose money by their purchases when they make them on their own judgment, that is, undertaking the management of what they do not understand.

In some proof of this being the case, a physician has lately told me, that for the keep, shoeing, little repairs of clothing, head-collars, and the supply of chamois, sponges, mops, brooms, &c., all of which are paid by his coachman, the bills regularly amount to three hundred a-year. This, for one pair of horses, I must say, exceeds anything I ever heard of in point of imposition on the part of a servant; still the master has paid it during the six years this coachman has been with him. The gentleman allowed he thought he was paying too much, and asked my opinion. I thought he was by more than two hundred a-year; but being only a mere acquaintance, I thought it no business of mine to put him right, for the

doing of which I should very probably have got no thanks. I did suggest jobbing his horses. "Oh, he had tried that, but he found the horses looked bad, and had always something the matter with them." I asked if the same coachman fed and drove them. "Yes he did." I smiled, but said no more than it was *odd*: but I did not think it *odd* at all: and if the worthy physician had thought twice, he would have seen the folly of supposing this rogue of a coachman would for a moment tolerate his master's jobbing horses, by which, if they were done justice to, coachee could make nothing; whereas, by the other plan, he cleared annually what many a nobleman's son works six hours a-day for in a public office. Now had the physician jobbed a coachman with the horses, he would have found he saved, to say the least, a 150*l.* a-year by the change of his mode of proceeding: but he perseveres in his old plan; and so he may for me: it is quite useless to take trouble for friends without thanks; it is folly to do the same thing for acquaintance: but I trust this fact shows how needful a counsellor is to any man in any matter of which he is not himself a competent judge.

The cost of keep must a good deal depend on the description of horse kept, and the quantum of work he is expected to do. Of the feeding of race-horses I need say but little here. Generally

—and, indeed, sometimes injudiciously—the quantum given depends on what they can be got to eat: this quantum is, however, sometimes influenced by whether they are fed at the trainer's expense or the owner's, and sometimes very much by whether the horse is a favourite with the stable or not. I say sometimes, because, in justice to trainers, I must add there is seldom any fault to be found with them as to starving horses; how far, in the long run, they contrive to starve the owners, is another affair. As some little insight, however, for the totally uninitiated, I will merely say there are some delicate, nervous horses that can scarcely be coaxed to eat a peck a-day (and, generally speaking, that peck is thrown away on such horses); others, that are good, fair, hearty horses, will, on an average, eat a peck and a half; while many gluttons will take, without any trouble, half a bushel a-day.

Hunters, like other horses and men, vary, of course, in their appetites; but, to make the quantum of oats they consume something like definite, I believe it will be found—at least, I have always found it so—that, taking into account hunting days, when a mash as the last feed supersedes one feed of oats,—the day after, when some will eat but little, others perhaps none,—occasionally a day or two of indisposition,—a frost, when a dose of physic is better than a bushel of corn,—and

other contingencies, — in a stable of horses during the hunting season, five quarters of oats per day a horse, with occasionally a few beans, is as much as you will get them to eat on an average of seven consecutive months.

To show the difference between practically knowing the expenses of a stable, and listening to being told by interested persons what they “must be, *at least*,” I will just take a pair of sixteen-hands carriage-horses, and see what their expense, not “must be,” but should be; and here I show no presumption in saying I care not what all the grooms or coachmen in London may say—I know I am right: not from any talent, ingenuity, or peculiar mode of treatment; not reasoning upon even the best theoretical principles, but on the broad, plain, homely facts of experience and practice—that not arising from having had the management of any one or two classes of horses, or those under one or two different situations or circumstances, but from having had the direction of all sorts of race-horses, hunters, carriage-horses, hacks, machiners, and cart-horses, and at one period all at the same time; what I say, therefore, on the subject reflects about as much credit on me in point of intellect as we should attach to the man who had been all his life emptying coal-waggons telling us how many sacks went to the chal-dron, and the chance of our being in error would be about equal.

It will be remembered I am now taking a pair of horses that are more expensive to keep than any others used for private purposes, for I allow each six quarterns of corn per day. No two hunters living eat as much, take the year throughout; for though the name of a hunter to some persons conveys an idea of great expense—though hunting is expensive, it is not the keep of the horse that makes it so—a good well-worked 40*l.* cover hack costs quite as much, and more, than you can get some hunters to cost you.

Two horses, six quarterns a day each, at 1 <i>l.</i> 4 <i>s.</i>	£	s.	d.
per qr., say - - - - -	41	0	0
," 14lbs. of hay per day each, at			
4 <i>l.</i> 10 <i>s.</i> per ton, say - - - - -	20	10	0
," Supposing straw to be scarce,			
1cwt. of straw per week, 1 <i>l.</i> 10 <i>s.</i> ,			
per ton say - - - - -	3	18	0
," Shoeing both, 10 <i>s.</i> per month, 28			
days* - - - - -	6	10	0
," Wear and tear of chamois, sponges,			
brushes, &c., 6 <i>d.</i> per week - - - - -	1	6	0
," Wear and tear of clothing and head			
collars, 6 <i>d.</i> each - - - - -	2	12	0
	<u>£</u>	75	10
		0	

* Shoeing and occasional altering will come to something more in London, where they charge 5*s.* a set; but as in the country they charge but 4*s.*, indeed in some places less, I think the 6*l.* 10*s.* a fair average. I take the same thing into consideration as regards keep, not supposing a horse all the year in London.

Now I strongly suspect that, let any lady turn to her accounts for all I have mentioned, she will find her pair of carriage-horses have cost her a little more than this, unless she limited them very much in every allowance; in which case I infer they cost her quite as much, and were not in first-rate condition either.

Veterinary surgeons' bills are items no one can give an estimate of, depending, of course, on the good or bad luck people have with their horses. Not but that I am a little sceptical on the matter of luck; at least I can only say when things have occurred to me that many persons might attribute in *their* case to bad luck, I could always, or, at least, mostly, in some particular or other, trace them to some blundering act of stupidity or culpable inattention of my own.

However, as in other persons' cases we will call it bad luck, whenever it comes in the shape of a horse falling lame or amiss, *go yourself* with him; or, if in a lady's case, send some friend with him to the best class of veterinary surgeons: it will be the least expense in the end. If you allow your man to take him where he likes, he is sure to have some friend, a common farrier, who will be sure to make the horse worse; probably in some way blemish him without there being any occasion for it, and do it clumsily if there is, besides keeping him twice as long under treatment

as he would be kept at the college, or by such a man as Mr. Field, and end by sending in a bill three times as long for doing so.

Next in point of annoyance to a groom or coachman sending for a friend in the shape of a farrier to see and of course attend a sick or lame horse, is the groom taking him in hand himself; I mean in this case, of course, an ordinary groom. It is true, by his doing so, no farrier's bill is incurred; but in nine cases in ten, the horse comes off even worse than in the hands of a village practitioner, for he has most probably had experience in cases similar to the one he may be called in to see, and after having done a great deal of mischief to a few score of horses in such predicament, done no good to a few score more, he may possibly, if an old man, have at last hit on some nostrum or practice that has done good, and in such a case his subsequent patients derive benefit from his having at last blundered on the right plan; but an ordinary groom has not even the advantage of having had these few scores of fortunate animals to practise on, and probably can only say in defence of what he may do or contemplate doing, that, "when he lived with Mister or Captain such an one, he had a horse taken just the same way; he knows what Mr. Field did to him, for he saw it all." Now, in the first place, a man may safely bet any odds that the cases were not alike, further

than such horse was sick or lame. Next he saw the horse get balls. He might just know enough to detect by the smell that these balls contained aloes ; but of the quantity, or what might be combined with them, he knows no more than he does whether aloes are a gum or a vegetable root. He might see a horse both physicked and bled, for (we will say) the same disease as that under which the one labours that he intends to cure ; but he never dreams that physicking and bleeding might both be proper in one stage of a disease, but certain death in another. One among thousands of instances of this kind came under my personal notice.

A friend, on sending a horse from Dublin to London, had requested me to give him a stall, that the horse might rest for a day or two before going the last hundred and odd miles, on his road to London, (for a journey from Holyhead, which was the route he came, was no joke before the railroad was completed). Prior to starting from Dublin, a veterinarian had very properly recommended a dose of physic, fearing, from the full habit of the animal, some attack on the bowels during the journey ; this the groom, who thought he knew everything, had neglected, or rather omitted to give. Shortly after arriving at my stable, the horse was taken exceedingly ill ; and on my going to see him, I found him suffering

under inflammation of the bowels, and this knowing groom with a physic-ball in his hand, which he was preparing to give. I remonstrated against so preposterous an act. The groom was obstinate, saying, “ that if the horse wanted physic six days before, he wanted it six times as much now; ” but I was as obstinate as him, and it ended in my soundly swearing no ball, at least physic-ball, should the horse get. The man swore he would do as he liked with the horse while under his care, and again prepared to give the ball. I settled this by ejecting the fellow from the stable, locking the door, and just remarking the horse was not then under his care. I immediately sent for a veterinary surgeon, told him the story, and, not being nice in his selection of terms, he said to the man, “ Why, you d—— fool, if the horse had got that ball, he would never have wanted another; he would most likely have been a dead one long before morning.” What a treasure in a stable such a prescribing groom must be! yet many such there are in high repute, with masters who know no better than themselves.

I do not mean that a man who knows what he is about need send his horse on every trifling ailment to any veterinary surgeon; but it is the cheapest plan for the man who does not.

But in sending to a professional, let me strongly recommend the most eminent that is to be had be

applied to ; if the case is a trivial one he will not make it serious by ignorant treatment, and if serious, of course all his skill will be wanting ; and as if in corroboration of the soundness of my advice on this point at least, a circumstance occurred only a short time ago, which I will mention here.

I had, within the last month, occasion to put a horse at livery for a few days, where the owner of the yard has about twenty horses working in street cabs. Observing one of them in a coach-house, and guessing illness to have caused him or rather her to be placed there, in accordance with my usual habit I went in to see what was the matter ; to enlighten me on the subject an ostler came and informed me the mare was " mortal bad :" this I had sense enough to see, without his assurance of the fact ; but as the acme of professional information, he farther told me she was " bad of her inside :" now, as the unfortunate beast was blowing away like a steam boiler, my veterinary knowledge went far enough to draw this inference also.

" Why, man," said I, " the mare has inflammation of the lungs ; I don't see that anything proper has been done to relieve her ; does any veterinarian attend her,— I suppose not ? "

" Oh yes," said my informant, " a young man attends her that master has a great opinion of." Well, he deserves it, thought I ; observing, " I

suppose he is going to do something for her immediately?" "No," says the ostler, "he has given her some balls, but he says she is sure to die; so he won't do nothing else." "He is quite right," said I, "as to her dying, for die she most certainly will under her present treatment." So ended our conversation.

A friend of mine, one of our most eminent and, I believe, most experienced army veterinary surgeons, called on me next morning, and, on going to the stables, I showed him the mare, as a living proof of the ignorance of common farriers. Nothing had been done; he was told the same story I was, and also of the prediction of the mare's dying. "Die be ——," said my friend, "so she will, and that very soon, if nothing is done for her; but if I had her under my care, I would insure her life for half a sovereign." Notwithstanding the ostler told his master this, instead of sending for some man of sense, he took the word of the young man who stood so high in his estimation. The consequence may be anticipated:—a useful animal was lost through improper and want of proper treatment.

CHAPTER V.

THE DIFFERENT VALUE OF DIFFERENT HORSES.—THE BEST JUDGE OF A HORSE.—CASES IN POINT.—THE PRICE OF PERFECTION.

IN making so wide a distinction as I do between persons who understand horses and those who do not, I feel myself called on to give some little explanation of what I mean, otherwise I may unintentionally give offence where and when I by no means intend to do so; for understanding a thing or its reverse are only relative terms as to how far the knowledge or the want of it is concerned. There are certainly some men who do not know a good-looking horse from a brute—thousands that are no judge of a good sort of one or a good goer.

An uncle of mine went a good deal further. He said, that provided two horses were both black or white—or, as he termed them, red,—and about the same size, he could see no difference in them. My discernment as regarded his medals or black-letter volumes I dare say was about the same thing.

There are, perhaps, few men exactly like my

revered uncle as regards horse affairs ; but there are thousands who perfectly know a handsome one when they see him, a goer when they see him move, and a pleasant one when they ride ; nay, further, can ride him very well, and yet want that particular sort of knowledge that alone can enable them to manage well, and without useless expenditure. These are very ticklish gentlemen to handle ; here the most candid friend, or the veterinary surgeon, sometimes gets into a dilemma.

We will say a gentleman shows a horse to a friend, or a veterinary surgeon, with something about him amiss, that it is at once seen will take a considerable time under the immediate care of the vet., and then a winter's run to make all sure. Formerly a winter's run implied a straw-yard, and the occasional luxury of a meadow, wet as a bog in open weather, and hard and rough as a heap of stones in frost. This saved keep, it is true ; but the expense of getting such a horse again into condition was more than that of — as we do now — hovelling him comfortably, and giving him hay and oats. So the expense in one way or the other for keep must be considerable, before the horse is fit for use ; then comes the veterinary surgeon's bill.

The owner will, in the first place, possibly ask if it is probable the horse will come up sound ?

and gets the perhaps candid and just opinion that he will. He may be asked the probable expense ; this a first-rate man will generally pretty accurately tell you. The owner then, perhaps, calculates, or gets the information, that keeping in the rough on corn, and six weeks in the stable physicking and getting into condition, will be, say 14*l.* or 15*l.*; vet.'s bill (medicine, keep, and firing), we will say 12*l.* Here we get 27*l.* Well, the owner may say — and, I will answer for it, does say — it is a good deal of trouble and money ; but he is a very valuable horse, so it must be done. As probably neither the vet. nor friend may know the qualifications of the animal, they cannot contradict the assertion as to its value, nor is it their business to inquire into the matter ; but there is one thing by no means improbable in such a case, which is, that they not only do not know his value or merits, but cannot for the life of them see either the one or the other.

Now let us look into the fact of this horse really being, as represented, "very valuable ;" my life on it, the great reason the owner has for asserting that he is so is, that he gave a great deal of money for him. Well, he comes up, realising all that was promised, perfectly sound, but perhaps a good deal scarred, if the remedy was *effectually* applied. The owner, not liking the look of this, or for some

reason, wishes to sell him; now "pussy jumps out of the bag" — 40*l.* is all he can get for him as a blemished horse. He will now be sure to find fault with the vet. or his friend, or both, for advising him to take all the trouble and expense, and then to find his horse only worth 40*l.* Here is just shown the difference between his really being a valuable horse, or merely one for which a considerable sum had been paid. The friend and the vet., of course, took the owner's word as to his value; and supposing what they were told could be borne out, their advice was judicious, for 27*l.* would be very little consideration in getting a really valuable horse upright; and such horses as have gone under Sir Bellingham Graham, Lord Plymouth, or Forester, would not be brought down to quite 40*l.* because their legs were a little disfigured. But such horses are really of known value; the value of the one in question probably only existed in the opinion of the owner. Supposing, on being accused of having given interested or injudicious advice, the vet. or the friend — beginning to suspect how the thing stood — should take the liberty of asking in what the value of the horse consisted, and found out the truth, it is by no means improbable they might say, — "Hearing you say he was a valuable horse, and judging only by what we could see, we of course thought he was one of known character and

qualifications ;" finding he was *not* this, they come down with the *stunner*, "Why, my good sir, he was never worth more than about 50*l.* before he was lame."

Respecting the value, it would take a good folio volume of many hundred pages, to enable the most experienced in horses, and a clever writer to boot, to enable him to give any idea of the different value of different horses ; for when once men indulge in whims and fancies about them, there is no judging what they will give to get possession of a horse they fancy, or what they will sacrifice to get rid of one that does not meet their wishes ; hence the great fluctuation we often see in the price asked for and given for the same horse ; for in some men's hands his qualifications would be of no recommendation, while in those of another person they would be beyond all price ; as an instance of which I bought a mare for my father, and knowing the qualifications he mostly prized,—namely, being very handy, and a standing jumper,—I rode her best part of a season for him, and made her one of the most perfect standing leapers in the kingdom, and, as a dealer would say, as "handy as a fiddle," though no powers could make her fly her fences ; the consequence of her qualifications was, that several others of the same mind as my good father often tempted him to part with her at a high figure, but (figuratively

speaking) no money would have bought her ; in some proof of which he rode her thirteen seasons. Now, had she got into my hands, I would have sold her for forty pounds rather than ride her, unless it had been in a very close cramp country with harriers ; there she would be as a hunter beyond price, but I no more like such a country than I do the kind of hunter fit for it ; it is only, in my estimation, better to hunt there than not hunt at all.

The fact is, the value of a hunter is nominal, but not often definable ; it is only to be defined in one way ; if half a dozen known good riders to hounds would each give a hundred and fifty or any given price for the same horse, that price for the time being is his value ; but it in no way follows, because an owner may set a given price on his horse and may find a purchaser to give it, that such is his value ; the price set on him arose from his owner's estimation of the qualifications the animal possessed, and the price given was from the purchaser's estimation of them being the same as the owner's ; probably no other man would have given half the money — many would not perhaps ride the horse if they were paid for doing it.

Now the value of a race-horse is definable, because it depends on what he can do, and not (as in the case of the hunter) *how* he does it, *if* he does it, — that is, if he can win. It matters not whether

men are sportsmen or not, or fond of racing or not, the horse that can win money is valuable in all men's eyes who have anything to do with racing, and that value depends on the class of horses he can run with and *beat*, that is, if all is meant *fair*, for we might be very much deceived in the value of a race-horse if we judged by the price he might be bought or sold at, at particular times ; five thousand might be offered for a horse *prior* to some great event coming off, in which he might be thought to be more than dangerous, yet after winning the race easily, the same party would not give one fifth of the sum for him : why this would probably happen racing men know well ; to those who are not, it is of no consequence whether they know or not.

Many horses that are kept for use are to be valued, and that nearly as closely as any other useful article. Cart horses can be valued to a great nicety by any man accustomed to the buying and selling them ; so can good, fair, useful, thirty or forty pound harness horses for other work ; even carriage horses can be estimated when they are merely a fair useful sort, worth we will say from a hundred and twenty to a hundred and fifty the pair ; beyond this their price is almost nominal, for what a pair of singularly beautiful well-matched horses, with extraordinary high, grand, and fashionable action would bring, depends on the

purse, inclination, or folly of the purchaser; such a pair would be a little fortune to a man if the young and beautiful wife of a rich old man took a fancy to them; the fortunate owner would not only get a heavy addition to his purse, but the good will of the lady, by making the old gentleman evince to the world the fervor of his adoration, by the price he paid to gratify her whim.

But to return to the supposed case of the valuable horse: it is true, in *one* particular the owner acted as I recommend, in taking the advice of two experienced men. He did so; but he must recollect that he acted on his own judgment *first*, by telling them he was showing a valuable horse. They therefore recommended what was judicious to do with such a one, but not, perhaps, what was advisable to do with the one in question. Probably, had they been allowed to form their own estimate of his value, they might have thought, and perhaps have said, they did not think he was worth a heavy expense, and would have recommended a few days' rest, and putting him up for sale, when they might estimate him at about the 40*l.* The owner would probably think them rogues, fools, or mad, to thus undervalue his hundred-guinea nag; I would, however, back such men to be pretty near the mark.

It is a common idea that an owner is the best judge of the value of his own horse. If the words

“to him” were added, there would be much truth in it; but without these two additional words, I beg leave to give it as an opinion that a very considerable number of owners know nothing at all about the value of their horse. Selling, or making the attempt to sell, will tell them the truth; buying does not even afford a hint on the subject.

When I say this, I must, however, state this depends a good deal on where and of whom he buys; if he buys of any person in a private way, of course each makes his bargain, and no matter whether the thing purchased be a horse or an article of jewellery, it may be bought and sold at (in mercantile phrase) fifty per cent. below or above its value; but if a stud of well-known horses are on sale, and on the day of the sale a number of persons who know the qualifications of each horse are present, a man purchasing one of them will in a general way get the horse at something like his value, that is, supposing the stud is for some particular reason to be *bonâ fide* sold, and the owner a gentleman; but if, as is frequently the case, a stud is advertised, and the owner merely has this done to get rid of objectionable horses, then the chances are a buyer gives far more than the horse’s value, by getting hold of a roarer, a lame or thoroughly bad one.

But supposing a man is not thus unfortunate, but, on the contrary, gets one that persons who

know the horse tell him, and tell him truly, is cheap at the price paid, he may still get him too dear, that is, he may be dear to him ; for unless he has had forethought enough to consider the kind of country the horse comes from, he may find, when he gets him into the one he hunts, that he is not worth half the money.

Now, let us take the thing in a diametrically opposite point of view, and we shall see where the owner *is* the best judge of his horse.

We will suppose a man has more hunters than he wants, and wishes to diminish the number ; of course his wish would be to sell those that he, for some reason or other, liked the least ; but rather than keep them all, he determines to sell any (say) three of them,—a sensible resolve enough, if a man is not of great wealth, and happens to be one of those who are tolerable hands at *making* hunters. The man of wealth has no occasion to part with anything that he likes. The man who is not a horseman and judge of horses, never should part with one that carries him to his satisfaction : the man who is, always should, *if he gets his price* ; for, only give him spring, speed, and stamina, he can make a hunter as a carpenter can make a table if he gets the proper wood. We suppose the person wanting to sell to be one of these, and a gentleman looking at his horses is one of the sort who could eat his

dinner very well on the table when made ; but if the table was wanting, so far as his own ability of making one goes, would be reduced to taking his soup on his knees. He may be a very clever man, probably more so than the other, but not a carpenter (of hunters).

On looking at the supposed horses on sale, our buyer sees a good-looking brown horse, about his cut as to size and strength — asks his character. The owner, as a gentleman, gives a true one.

“ He is a very fair horse indeed, an excellent hunter in any country but one like mine, a remarkably fine fencer, and very handy, but not so fast as I could wish here ; his price 150*l.*”

Our buyer candidly says, that only hunting occasionally, he does not wish to give quite so much.

In the next stall he sees a particular splendid grey, who looks a fortune : he looks at him, but modestly says,—

“ I am afraid I need not ask any questions about him, he is beyond my mark.”

“ Yes you may,” replies the owner, good-naturedly smiling, “ so far as price goes ; I ask 100*l.* for him. I tell you fairly he is one of the few horses I have had that I could not make a hunter of. He cannot live a distance with hounds if the pace is good ; and he is so nervous, that he becomes quite confused where the fences are big.

He would be a delightful hunter with harriers ; but as Elmore is coming to look at my horses, he will buy him for harness."

A stall or two off, he sees a plain large bay horse, with rather a large long head, a little low in the crest, with wide, bony, and somewhat ragged hips, a meanish tail, and, moreover, not seeming particularly amiable as to temper in the stable. Our buyer does not much relish the looks, but wishing to be well carried, and at a lowish figure, he says.

"Would that horse carry me ? "

He here observes a certain laconic side-smile on the countenance of the groom—a kind of smile as if in anticipation of something to smile at.

"I have no hesitation in saying," replied the owner, "he can carry you or *any* other man in *any* country and with *any* hounds."

"What do you expect for him?" "Three hundred!"

Of course, this was a floorer.

"Now," said the owner, "if you would permit me to point out a horse to you, I think I could put one into your hands that would suit you in all respects ; it is this chesnut. I took him in exchange from a friend of mine. He has three failings, neither of which, I should say, would be objectionable to you in the country where you hunt. He is particularly pleasant to ride, very

safe, and handy at fences, goes a fair pace, and will *go on* till nightfall. But, like the brown horse, he is not as fast as I like them here, and he does not like wide water; independent of which, he is a size less than I usually have them. I should say in Surrey he would be perfect; and I will take 100*l.*"

"Caveat emptor," "ne crede," and many other trite quotations, are things very useful to bear in mind when purchasing, but with very timid or very suspicious persons are very apt to lead them into error, by inducing them to turn a deaf ear to *all* the seller says of his own property. That every man may be apt to sound the praises and soften off the failings of his own, is natural enough; how far this is done, of course depends on the conscience and respectability of the man. To show that we should not always reject the recommendation of a seller, I will mention an anecdote of Beardsworth when he had the large repository at Birmingham.

A gentleman came to him saying that he was authorised to mention a friend's name who assured him that on his doing so Beardsworth would recommend him a good buggy-horse: the little man showed him two, either of which he said was capital in single harness; the customer's suspicious disposition took alarm at the strength of Beardsworth's encomiums, and he declined.

both. "Have you nothing else you think would suit me?" says the buyer. "I really don't know," says Beardsworth; "there are plenty more, look round and please yourself." The gentleman did so, and found a mare that struck his fancy. "Will this mare suit me, Mr. Beardsworth?" "I really can't say," replied he; "I recommended what I *knew* would, because I have often driven both; but pray choose for yourself." "Did you ever drive this mare, Mr. Beardsworth?" "Never," said he. "Did you ever see her in harness?" "Often," said the little man. The gentleman bought her, drove her, and felt certain Beardsworth had wanted to get off two of his own, instead of this capital mare, who was, moreover, twenty pounds less in price than either of the others. On the Wednesday, that is, the second time he drove her, he came into Beardsworth's establishment with a long and ireful countenance, and abused him for selling him a mare that had kicked his gig to pieces. "Did I tell you she would not kick?" said Beardsworth; "I recommended you two that I *knew* would not; you kicked at my recommendation. I told you to please yourself; I hope you have done so; I told you I had often seen this mare in harness, so I have, and always saw her attempt to kick: if you had asked me if I had seen her go quietly in harness, I should have said no; perhaps next time

you will follow your friend's advice in taking mine; if you do, I will try and suit you."

There is a certain feeling of vanity in man that is not confined to the breast, which is generally pointed out as its locality, but runs, like the nerves, over every part and particle of the body; so, touch it where you will, it is capable, like the string of a harp touched by the scientific finger of a master, of producing harmony; but when the careless and rude finger of truth is applied, it often gives back a twang that seems to jar to the very pedals.

The description of the hunter seemed to bode his suiting our buyer; but the not being objectionable to *him* and *his* country appeared to carry with it something bordering on a latent hint at inferiority that he winced at. He felt the truth of the thing, would have owned it to *himself*, but to have it, as it were, forced on him by another, though done without any intentional offence, made it no more palatable than Pistol found the leek, or the persuasions that induced him to swallow it. He even thought of dashing at the three hundred-pounder at once; but, as he was a sensible man, the thought merely flitted across his brain, so he compounded with good sense, good manners, and a little mortification, by asking if he might take the liberty of sending a brother-sportsman to look at the *little* horse, and to ride him. Both

permissions being granted, he took his leave ; and next day the friend came. He and the seller were at home at once ; they saw what each other were in a moment.

“Take him into those meadows,” said the latter, “put him at any fair fences you like ; if you get him into one, I shall forgive you.”

The horse answered all that was said of him. Both agreed he was all that could be wished for the proposed buyer. His friend made his report, and recommended him not to miss the horse. He promised he would not ; *but* it did not do. The “*him* and *his country*” still jarred like the string touched by truth ; and then the buying a horse on a friend’s trial and judgment had a want of independence about it that chafed him ; and again the horse was not a wide brook jumper. True, there were no wide brooks to jump where he hunted. He was not *quite* so fast as his present owner wanted — this seemed like putting up with something inferior. No : he would choose for himself, and see if he could not, by giving a little more, get nearer perfection. He tried : went to a dealer, gave 150*l.*, got one that he was told was perfection itself. This he had no great opportunity of finding out ; but the first day, after one burst, he clearly ascertained he was a *lame one*. He would have consulted the interest of the *pocket* more by taking his friend’s recom-

mendation, and have made a better addition to the *stud*.

I cannot here pass over a little anecdote of one of my most esteemed friends,—a man of business, but one with whom Fate was either blind or in one of her wayward moods when she gave out the ticket of his destiny. Instead of ever looking at a ledger, he ought only to be asked to look at the rent roll of a princely estate (his own); instead of having to calculate profit and loss, he ought only to have to calculate what his heart would always prompt him to do, how to serve his friends. I have often seen him at his desk, never on his saddle — that is, with hounds; but I am told, when he can steal a day from the former, he sails away in the front rank on the latter.

He was some time since in want of a horse; and a stud being advertised at Tattersall's, I met him there, and found he intended buying one from it. He allowed he did not know the horses, so I took the liberty of hinting it was somewhat hazardous buying under such circumstances; but as he said a friend, who had hunted where the stud came from, had told him what to buy, I said no more. He did buy one, whose shape and make was certainly *not perfection*. However, I saw him take away the new purchase, and thought no more of the circumstance.

Walking with an acquaintance an hour after-

wards in Hyde Park, I saw some one coming up Rotten Row, at a good or rather bad hunting gallop. “Well,” said I to my companion, “that gentleman has got a brute under him at all events.” When he came nearer, lo! it was my friend on the new bargain. He came up. “How do you like your mare?” “Not at all; she is lame behind, I am sure, from her manner of going.” “Just trot her fifty yards, and let us see,” said I. My companion and I agreed she was sound enough; but her hind legs seemed as if nature never intended them to help her along. I told my friend she was sound; and as she was bought, I did not wish to put him out of humour with her, by telling him I thought her an awful beast. “But,” said he, “she is a roarer.” “Oh! your humble servant,” said I, “go back to Tattersall’s: she was sold as a hunter. If you find that, notwithstanding her noise, she has been regularly hunted, you are fixed; if she has not, return her.” He did so, and somehow got out of her: it will be seen by this, that, though it is very judicious to take the advice of a friend, we should consider *what* friend, and whether his advice is worth having.

CHAPTER VI.

**DIFFERENT MODES OF KEEPING HORSES.—CHAQUE PAYS,
CHAQUE MODE.—THE KIND OF HORSE BEST SUITED FOR
DIFFERENT CARRIAGES.—ON SINGLE HORSE CARRIAGES
AND PAIR HORSE DITTO.—THE PROS AND CONS OF
KEEPING CARRIAGE-HORSES AND HUNTERS AT LIVERY.
—JOBMING OF HORSES.—SUMMARY OF THE WORK.**

WHEN using the term "stud," our ideas are chiefly led to the contemplation of the hunter's stable. I only mean it, as used in these sheets, to allude to horses in general; but, be the stud what it may, it is composed of horses used more or less as animals for real use or business, or for pleasurable purposes. Of course, the horses used for the park and street are for use, but not use in the light in which I contemplate the term.

Now, there are two opposite ways in which horses may be kept; and both will answer well if in all particulars the system is adhered to. There is the rough and ready plan, and the plan that brings out horses in fine condition; but the person is unreasonable as regards his servant and his horses, if he thinks he can combine both. If a lady merely wants a pair of animals to drag a machine on wheels about, so as to convey her free from wet or cold wherever and whenever she

is disposed to go out, and cares nothing for their appearance, the rough plan will do, provided they get plenty of corn ; and such horses, with a good tough coat on them, and waterproof-cloths across their loins, will stand inclement weather, and be no more hurt by it than the cart-horse. But then their pace must accord with their appearance and treatment ; for the cart-horse, hardy as he is, would very soon get under the doctor's hands if he was subjected to heats by fast work, and then to stand while his waggon was loaded and unloaded ; for though a long coat will keep off a certain degree of rain from the pores of the skin, and a dry one will keep out the cold air, a long coat wetted with sweat is anything but likely to prevent colds, if horses are afterwards to be kept loitering about at doors. Such horses, of course, in point of keep, will cost just as much as those in good condition, and, after all, confer anything but credit on their mistress. If a lady thinks the term "my carriage" sufficient, no matter what that carriage may be, well and good. I can only say I consider the difference between such equipages as Lord Anglesey's, Lord Sefton's, and many others, and that of some that we occasionally see, is much greater than between the latter and none at all. In fact, if I had ever owned such a turn-out as I have seen some ladies sport, and wished to make a morning call, I should have desired the

cortège—men, horses, and vehicle—to stop a few doors off, lest I might be suspected of owning them.

Here is just the difference between the pride of the generality of foreigners, particularly Frenchmen, and Englishmen. A Frenchman on a wretch not worth twenty pounds will make him (if he or spurs can make him) curvet and prance so as to attract all eyes, and thinks him, *next* to himself, an animal to be admired by all beholders. An Englishman on such a creature would pray no one might see him so mounted. Not so, Monsieur. With him a horse is a horse, with this exception; if the finest horse England ever produced was to walk quietly along the Boulevards, his rider would think they cut no figure at all; but give him one of Batty's cast-offs, or any creature that would dance about, making a fool of both horse and rider, he would be thought the *ne plus ultra* of horses.

With their equipages, unless it be with the *élite* of fashion, they are still worse. A cabriolet is a cabriolet, though it be a machine that has been in use twenty years, since it was only worth four pounds, and would be spoken of with all becoming pomposity. An Englishman who has never been much at the country chateaux of Frenchmen can form no idea of the monstrosities the *remise* there can produce,—but still it is the *carrosse de Madame*.

It is quite true private individuals of moderate means are not called on or expected to keep such equipages as the nobility or persons of great wealth, yet still may want a carriage for their families; and one that will pass without observation of any sort is here quite appropriate: but as most persons wish to make as decent an appearance as their means permit, and as my object is, as far as I can, to further their object as regards their horses and their appliances, I only beg the masters of such equipages to believe me when I assure them that taking care their ladies are not in inclement weather all the morning shopping, that they under such circumstances curtail the length and number of their morning visits, do not order the carriage at eleven and keep it waiting till one to take them out, or at one in the morning and keep it till three to bring them home, will just make the difference of having an equipage that is at least creditable, or one that would occasionally induce a cabman to call out, “Who wouldn’t keep a carriage?”

It is true we see the most splendid equipages out in the most inclement weather; but what are they doing? Taking their lords or masters to or from the House, to dinner or a party, bringing their ladies from a villa to the town-house, or to a dinner or party also. The pace keeps them warm while going, they set down, and come home,

and are dried. There are other horses and other harness, if wanted, to fetch their owners back; but we do not see such owners starving their horses and servants, cheapening bonnets or silks at half-a-dozen different shops. Many hundreds who do, if they were going to ten different ones close together, would not, if they lived two hundred yards off, walk there, and, knowing they should be three hours, and order their carriage to call for them at a certain hour, for the world. What, lose letting the nine others see they kept a carriage! Oh, the delight of "Put those things into the *carriage!*!" or "William," beckoning their servant into the shop, "put this in the pocket of the *carriage!*!" Pleasant and salutary all this, for clipped horses.

I have in my eye a family of a certain grade, and, from the *animus* of each member of it, pretty accurately guess what would be done should they perpetrate a carriage of *any* sort. If they wanted to go to dinner at seven, won't it be ordered to the door at five, to be seen there? If wanted to go shopping, which it certainly would be two hundred and fifty days a-year, won't it be ordered at two, to go at half-past three? Won't it be "to and again," as people describe our canine friend in a fair? Won't the tablets to write on, and the "tablets of the memory," be taxed to rake up all and every person they ever spoke to, and to

find out their residence, to make a call in *the carriage*? Won't Thomas be taught to give a regular “Londonderry” at the door, only somewhat longer and louder? As the boys say, “Won't he, though?”

All this, we must say, is a very plebeian and petty sort of pride and affectation, evincing bad taste, bad tact, bad education, and at once showing a being totally unused to such appliances: it is something like what a deceased acquaintance of mine, one of a firm of our most eminent brewers, was in the habit of doing. He had purchased a magnificent white marble chimney-piece for one of the sitting rooms at his country-seat: this said chimney-piece had two large bull's heads, elaborately carved. These our man of malt and wealth was constantly in the habit of seizing by the horns whenever any stranger happened to be there; and as the act was accompanied by the address of “Ah! bully, bully!” in a voice somewhat of the Stentorian order, it never failed calling the attention of every one unused to it to the desired point. Then came a full statement of what it cost; and great the purchaser no doubt thought he must consequently look in the eyes of his hearers. In some, perhaps, he did; but extremely little in those of some others; for it spoke plainly of the parvenu, and of one who piqued himself quite as much on the pocket as the stud.

Whatever weal or woe to the community one of our Ex-chancellors may work, whatever may be the laws or customs he may adopt or abrogate, and whatever may be the share of praise or censure that may follow, I really consider the public are under very considerable obligations to him for bringing in that truly commodious carriage the Brougham. Of course improvements have been made in the original: I do not mean Lord Brougham, for he *cannot be improved*. Now this remark I really consider a hit, and a stroke in politics beyond the usual wont of Harry Hieover; for each party may apply it as suits their own ideas of the justness of its application. The general utility of the carriage, however, cannot be disputed; and if we miss many of the more imposing equipages that formerly graced our streets, we also miss, from this substitution, a host of turns-out that reminded us of No. 527. with the plate off.

The only objection that may be alleged against the Brougham is, that, with some ladies, the families grow too numerous for it; but so far as a couple of darlings go, they can be *squeezed* in, and, as papa does not as yet feel the *pinch* of them, he bears it cheerfully. Two more, however, require the getting of another carriage to hold them. This is still bearable, and pa good-humouredly calls the omnibus a Clarence. A couple

more bring calls for cash that make it necessary to abandon the Clarence, and somewhat decreases the good humour. Pa, however, must have some means of locomotion, so he now gets a cheap gig. This he appropriately enough calls his " sulky ;" but next year a seventh puts down the sulky, brings on the sulks, and pa, striking his forehead in despair, now cries, " God send me a hearse !" For whom he invokes it, is best known to himself ; but if it is not wanted for some one else, I strongly recommend him to use it for himself : I should in such a case.

Before getting to this extremity, and while keeping some other sort of carriage, let us look at the *pro* and *con* as to keeping it and the horse or horses at livery. Here the expediency of doing so or not does not only arise from the consideration of the horse, but as regards the man. If he is wanted to wait at breakfast, and confine himself the whole morning to the house, it is quite clear he cannot have anything to do with the equipage. If only wanted occasionally, then he can both drive and take charge of it. So far as merely the driving it goes, there can be nothing objectionable in any man doing that ; but I must say I have always considered it as extremely bad taste and a very poor affectation to see a man in a footman's livery carrying a tray about a drawing-room, who we know was strapping at a horse some time

the same afternoon. When living in this mediocre way, superior women-servants are far preferable. The horse or two horses can be kept, we know, cheaper in private stables than at livery; but if you devote a man exclusively, to one or even two, he will altogether cost as much as the horses; so the question merges into this: Which is preferred — keeping the carriage and horses at home, and having a coachman; or sending the equipage to livery, and keeping a footman only? I should say, in a family in this position of society, the latter is by far the preferable plan.

The difference between the expense of keeping a single-horse carriage, and one that always requires two, is very disproportionately great, that is, if both are done even in tolerable taste; for it is by no means the mere additional expense of the extra horse that occasions it, but it arises from other causes.

In the first place, a regular pair-horse carriage requires a regular coachman: this gentleman holds himself as far above the mere driver of a single horse, as does the valet over the teaboy, requires twice or three times the wages, more clothes, and more allowances of all sorts; independent of which, as they have generally made some *lady* happy, they require suitable accommodation for their families, and it is quite correct and reasonable that master or mistress should in some way (probably

in all ways) be put to a large expense, because the loving pair think proper to have a large and charming offspring. Then a regular coachman will usually no more dress a horse, wash a carriage, or clean a set of harness, than he would sweep the Mews his stable is in ; he would be held as a low fellow by his brethren of the whip, if he did so. The other *ladies* of the clique would not *visit* his ; she must be a low creature also, to permit her husband to do these things ; for the Duchess of Sutherland, though most undoubtedly at the height of aristocracy, must not suppose she has all the aristocracy to herself ; her coachman's lady, who uses silver tea-spoons, would no more associate with one who used Britannia metal, than her lady-duchess would with her seamstress, and most unquestionably would give herself ten times the airs towards an inferior.

Secondly come the horses. It is true, we see very fine ones driven in single-horse four-wheeled carriages ; still, to look well, they are not required to be of the high and superior stamp of those where a pair are used ; and beyond this, supposing a man gives a hundred for a very superior horse for his Brougham, if that horse was well matched, the pair would be worth something like three times that, and should an accident happen to one of them, and consequently a match be wanted for the other, fifty pounds or more beyond his fair price would

be asked, when it was understood for what he was wanted, particularly if the purchaser was known to be precise as to getting an exact match.

For such horses the coachman will have every appliance of the most expensive kind, whether necessary or not. The term *will* may sound singular as coming from a menial, but if from indolence, affectation, habit, a disregard of expense, or all these causes combined, people will allow menials to become, in effect, masters in their vocation or department, they will find that if the *term* be not used in speech, its effect is carried out in the end, and such will probably always be the case more or less in the establishments of the wealthy (and at the same time) fashionable.

The idea that horses will not be done justice to at livery, is, in a general way, a very unjust and fallacious one ; for I have no hesitation in saying, that, provided you apply to a respectable person in his line, and he knows your horses are to remain with him, they have a far greater chance of being well done by than if left to the care of half the (*soi-disant*) coachmen in London. The carriage, harness, and horses will be properly attended to, for this simple reason—it is the master's interest they should be, in order to keep your custom, and to get that of others by your equipage being well turned out ; and he saves nothing by allowing his men to be idle. If the horses are not done justice to

as regards feeding, they will show it; and he will lose both them and his character. If your horses look badly from your using them unfairly, it is your fault; and for his own sake he will shortly tell you that you do so, and will not be very nice as to whether you take them away or not, for, in fact, keeping them will injure more than benefit his yard. Send for a known respectable man; agree by the quarter, or half-year, or year, for your horses, at a price that will enable him to feed them properly as regards your demand on them as to work; put them under his charge; pay the stableman who takes care of them liberally; and your horses will have every justice: for it must be borne in mind that, though the majority of helpers in dealers' and livery yards are scamps unfit for private families, they are first-rate stablemen, and your horses will be under the eye of a man who knows how to treat them—an advantage that it is by no means certain they would derive from being overlooked by the generality of masters even, setting aside ladies.

There are two ways of doing most things, namely, the right and the wrong; this, on the broad scale, is a sensible enough remark, or rather saying; but though one way may be either right or the reverse, there are gradations as to how far we diverge from the line, be it the right or wrong; and in accordance with this we shall generally

derive advantage or disadvantage to ourselves and others from our conduct. This is in nine cases in ten brought fully to our conviction. As regards servants, be they our own or those of other persons acting for us, though I quite concur in the opinion that paying for services with too lavish a hand only renders those serving idle, arrogant, and perhaps impertinent, the paying with a niggard one is infinitely worse; particularly so when we have only the conscience of those serving us to depend upon as to the manner in which they do this; and in few cases are we more dependent on this, than where our horses are under the care of the servant of another, or indeed of our own, if we trust wholly to him; but supposing our horses to be at livery, the master is anxious to do them justice we will say, but we should not do *him* justice if we did not pay his servants reasonably and liberally; for let him watch as closely as he will, the horses of the niggard will not get the same attention as those of the liberal man; the former may change his livery stable from Belgrave or Portman Square to Whitechapel or Blackwall, he will find it all the same, and it is very proper it should be so; men of all sorts have a right to be fairly paid for their attention and labour, and he who from folly and affectation pays too much, and he who from parsimony pays too little, will both suffer in some way for it; the first by being ridiculed, the

latter by having his horses more or less neglected : the medium will generally produce a proper line of conduct in those to whom it is applied.

There are many persons who are great advocates for the abolition of all douceurs to servants. I am not ; and can only say if a livery-stable-keeper were to propose as a rule of his yard that no fees or rewards were to be given to his men, his would be the last stable I would send my horses to. True I could, and most certainly should, under the rose, break through his novel, and to some persons perhaps tempting, regulations ; but I should be quite sure it would not be the best sort of stable-men he would get under such a system, and with horses, ignorance is as bad as roguery, in many cases much worse ; a rogue we may in most cases guard against, but a fool we cannot, as we never can guess what he may take into his head to do ; a clever rogue can be bribed into doing a little extra for us ; so indeed may the fool if he knows how ; if, however, he does the extra service wrong, we are in a worse predicament than ever, and if a situation is such that a man can derive no advantage by strenuously striving to please, we may fairly reckon on meeting a very sorry workman, for none but such would fill it.

This much observation has taught me : Take a hundred horses kept in the private stables of the generality of persons, and a hundred kept in the

best livery stables—more rough coats, impoverished looks, colds, coughs, cracked heels, and other sickness from bad management will be found, by three to one, in the former than in the latter.

I should say just the same thing by a man keeping a hunter if he lives in London. Many persons do this and send their horse down the night before to meet any of the hounds within twenty miles of town. This is done by some from a very mistaken motive of kindness to the horse; and from the same mistaken notion that they are consulting their own interest by having the horse under their *own* eye, and under the care of their *own* servant. We will look a little at this. In the first place, under such circumstances, so far as his stable treatment goes, for three days out of the four, that is, the day he goes out of town, the hunting day, and the day of returning—if sent such a distance—he is scarcely under their eye at all. Then comes the query, “Is their eye of any great advantage to him when it is over him?” and the care of their *own* servant is not always a guarantee that the care is of the very best sort. In fact, with the ordinary run of London grooms, I will answer for it that it is not. And supposing that it was, how can a horse, situated as he must be in London, ever be fit to go with hounds? The most *proper* thing that is done with him during the week, to prepare him,

is his twenty miles walk the day preceding hunting; and against this we have to set the very *improper* act of dragging a stiff and tired horse home the next day twenty miles along a turnpike road, in lieu of one hour's gentle walk on turf, just to stretch his legs and conduce to recover his appetite. If he is brought home, that his owner may have him to ride in the park the intermediate days, the idea is unreasonable; probably, in fact almost to a certainty, if there was anything of a run, a horse thus treated through the week will refuse his corn at night, and quite as probably the next morning. Five hours on the road, with an empty stomach, and aching limbs, is not a very proper preparation for a show-off in the park; and where is he to get a gallop to prepare him for the next hunting day, unless he is sent to some of the places stated to be for the exercise of hunters, close to town, where their feet and legs are battered to pieces in the spring and autumn, and they are smothered with mud if sent there in the winter?

It is all very well to send a horse to Banstead downs in the morning, take a canter with the harriers, and trot him quietly home afterwards. The horse would be the better for the exercise twice a-week, and his master too; but to expect one to be bottled up in London, and really *go* with fox-hounds, or the Queen's, is out of the

question. I will venture to say there are more horses killed, injured, and lamed, and consequently more falls from those sent down to hunt under such circumstances, in proportion to the number out, in one season, than occur with all the determined riders in Leicestershire in half-a-dozen. And so it must ever be where horses are expected to go without their wind, stamina, and muscles being properly braced up by proper treatment.

When I say with fox-hounds, or the Queen's, or, I might add, any stag-hounds, I must remark, I consider that to a horse not fully and properly prepared for hunting, it makes a great difference to him whether he goes with the former or the latter. With fox-hounds a horse in most cases gets a little trotting or cantering before a fox is found or goes off; this gives him time and disposition to empty himself before he is called upon for the full exertion of his speed and lungs. With stag-hounds he has no such chance; the deer-cart arrives, all is quiet, the deer is uncared for, and in a few minutes the hounds are laid on and a sure burst takes place, for which a horse ought to be as well prepared as for a steeple chase. Distress must follow this, and unless the rider has consideration enough for his horse to nurse him when it does, some fatal or bad results must take place, and either immediately or gradually show themselves by debility and loss of condition.

But beyond this with fox-hounds,—though the man who can only get one day a-week fervently prays that may not be a blank one,—such an event is of vast relief to the horse, for his condition may be quite good enough to enable him to bear fatigue, though such as to render constant calls on his lungs an almost certain prelude to fatal results. And such is the case with stag-hounds, whose great recommendation to many men is the certainty of a run. I had seven successive seasons of stag-hunting; it is true I only hunted one day a-week with them, and this because they only hunted that one day in my part of their country; but then my nags were always up to the mark for them, if even the Hendon deer was uncared for, as I could always get two days a-week with fox-hounds, and had harriers within reach, independent of the then King's, which always hunted one day a-week in Windsor Park, so the want of proper exercise and practice was no excuse for me or my horses when we went badly. And if such was the case, which doubtless it was more frequently than for my credit it ought to be, what can be expected where neither man nor horse has as good a chance? Candour compels me to allow that when I had the best of it, I deserved little credit; and when the worst, that I did my part like a regular muff.

Let us now look at another plan; and see,

setting aside being well carried, how, in point of actual money, the thing would work. I am alluding to keeping a hunter at a hunting stable at livery.

We will say a fair horse, with average runs, will carry a man three times a fortnight — which a good wear-and-tear horse will do on the former plan. If the distance is such as to bring you to the Queen's stag-hounds, or to any fox-hounds out of the reach of the omnibuses, your man must be out nine days a fortnight, paying for your horse, of course, sixpence a feed for oats, and the usual charge for hay ; compare these expenses to what you would have to pay at a regular hunting stable,—the balance in your favour would not be a fortune. At such a stable you have but the one expense, your horse is taken wherever the fixture may be ; there is no blunder in mistaking places — so sure as the hounds are there, so sure is your horse. He has had his proper exercise, or a sweat, if wanted. If a frost sets in, without your troubling yourself about it, he gets a dose of physic ; and if ordinary exercise cannot be given, artificial means are resorted to, to give it. You have the advantage of a stud-groom over your horse or horses, without keeping one. In fact, you ride a horse in condition, and equal to his task, instead of one to whom that task must be a labour of more than ordinary or necessary

severity ; for I consider that unnecessary which could be remedied without any material additional inconvenience or expense, or of perhaps any.

It is extraordinary what very fallacious ideas many persons entertain as to the different expense of keeping a horse at home or at livery, and also of the profits of a livery-stable-keeper. Taking the price of forage on an average, his profits are much smaller than people imagine ; in fact a man could barely live in London if he confined himself to livery horses.

People are apt to compare the cost of what a horse would eat in their own stable, and then calculate that nearly all the difference between that and the livery charge is profit to the owner of the stables. It is true a horse can be well fed, we will say, for twelve shillings a-week, and his owner, bargaining by the year, gets him kept at a guinea. When we come to calculate that in a good situation the rent of a yard perhaps makes the weekly cost of each stall at least half-a-crown, the weekly wages of the man who has the care of him three shillings a horse more, we have now seventeen and sixpence ; then come stable utensils, use of clothing, occasional bandages, head collars, lights, &c. : adding these to seventeen and sixpence, does not leave a fortune. And though I have the "*esprit de corps*" about me quite strong enough to make me at all times uphold

the character of sportsmen and men fond of horses, they are not absolutely immaculate, and such things have been heard of as livery bills being left unpaid. Only twenty pounds loss of this sort takes a good deal of bringing up out of livery profits.

It is true the hunting livery-stable-keeper charges a higher rate of livery and his rent is less; but against this we must consider he has to keep more men for the same number of horses than the London man has, he has the loss of time of his people taking horses to cover, and though some horses are summered at his stables, many are not; so, like Shakspeare's apothecary, he has a "beggarly account of empty boxes" several months in the year. Still I should say he does far better than the London man, of the smallness of whose profits we may draw an inference from the fact that there is not, to the best of my knowledge, such an establishment in London as any large one appropriated solely to livery purposes, which unquestionably there would be if the profits were large. And further, I never heard of any one man who had accumulated much money as a bare livery-stable-keeper. As job-masters many have, who only took horses to livery as being better than vacant stalls.

I can conceive few things so unpleasant as telling persons anything that looks like assuming

to oneself superior judgment to theirs. It is never grateful to their feelings, and there is something diabolical in willingly saying what can be considered as mortifying to that little *amour propre* that actuates us all. I have friends whom I value highly, who are always in some dilemma with their horses; in fact, they are a constant source of loss, and anxiety, and annoyance to them. I am sure to hear of their grievances, and I as surely and sincerely condole with them. Some of them have every feeling of liberality and kindness to do all that is right and proper, do nothing perhaps glaringly wrong, and if they were to ask what they did wrong, unless I could watch all that was done, and under all circumstances, I probably could not tell them. But where things for a continuance go wrong, it is not chance or fate that usually brings it about. With others in the same predicament, it might be no difficult task to point out where they erred. But then, in telling them of one error, the same want of knowing how to do right would probably only change the error, so that one might be as bad as the other. There are persons, who, if they inquired in what their bad management consisted, could only be fairly answered by being told, *in everything*. You are cheated in buying, buy a bad sort, manage them badly, ride them badly, and drive them badly, and the people you employ can do no better. Now, this

is that kind of sweeping charge that no man could make up his mind to make. It would be true enough, though, as regards some people: let us hope there are but few in such a case. But wherever any man finds a constant something amiss with his horses, if he is one of the best judges in England, I should say, consult with another; something is wrong, and, figuratively speaking, the physician is wanting. You may have tried various remedies; but somehow you take a wrong view of the case — thousands are in this predicament with their horses.

It matters not what a man undertakes to manage; if he does it badly and wishes to do better, there are two qualities of which he must lay in an abundant stock before he can do this; viz., good temper, and diffidence as to his own knowledge of the matter in question. Many will very patiently learn or be taught to do that which they have never before undertaken; but to bear to be told they must, to do right, do that which they have not done, and leave undone the greatest part of what they have done, is not merely a bitter pill but a regular nauseous bolus, unpleasant to swallow, and apt to produce irritation when down. If a man manages things tolerably well, but has certain errors of opinion or want of knowledge on some points, a little well-timed flattery as to his general way of doing things will induce him to

listen to hints as to where he errs. But where, as is sometimes the case, *every* thing is done wrong, it would be difficult to decide as to whose task was the most unpleasant, that of the adviser, or of him to be advised. A man may very soon get into a right way of doing most things if he has only to ask *what* he should do and is then willing to do it; but if he has also to learn *how* to do it, the case is hopeless. The only hope such a man has is, that when he is too old to want horses, experience may have taught him how to manage them:—about as encouraging a prospect as that of the generality of writers who depend on writing for support:—that they may get bread when they have no teeth to bite it; but then the lucky dogs escape all the horrors of indigestion.

We will now, however, look at the stud under another sort of management, and see how that will work as regards the pocket.

There is another mode of keeping the carriage and horses, that is, the jobbing; the advantages of which, as of most things, depend on the peculiar circumstances in which persons are placed. In a general way it is by no means the most economical one. Its pleasantry depends, in a great measure, on the turn of mind, or rather pursuit of the person. Some men job hunters; agree for price, and the number they may choose to have placed at their disposal. So far as my

particular turn goes, I should derive no more pleasure from riding Tilbury's horses during a season, than I should in riding a post-horse to Hounslow by way of an airing. I have been accustomed to own nice ones, had (I hope a pardonable) pride in them, and I am free to confess, in their condition, and sometimes performance. Now I cannot conceive anything flattering to this little harmless vanity in riding such a horse, the property of another, and under the management of the servant of another. But the feeling of having made a horse the clever animal he is, and bringing him into the condition he is, does go somewhere towards showing you know what you are about. I am quite willing to allow that making a hunter, bringing him out in king's plate condition, and riding him well (supposing the latter to be done), is no great matter to be vain about; but if a man's mind and talents are not framed to the performance of great achievements, it would be hard to deprive him of enjoying the little triumph attendant on the performance of minor ones.

We should have been sorry to see John Kemble sing a comic song between the acts of Hamlet. Now, I certainly could not play Hamlet, but I fancy I could manage "Jim along Josey." Well, it is better to be encored in that than hissed in Hamlet. So I have always fancied

I could manage condition in hunters. In this cast of character I have been applauded—I hope I shall be encored.

Families who have a great deal of night-work, and only intend to keep a pair of horses for their carriage work, would perhaps do well to job; for this reason—As I said before, horses cannot stand all sorts of usage: not that there is any cruelty in night-work; but if horses are wished to be in prime condition, they cannot stand it; so the job-master keeps horses for all purposes—gives you one pair for the day, and a pair of old seasoned hardy ones for night.

A lady who keeps a pair of horses, if she is to trust herself and them to the sole guidance of her coachman, had better job; for though she will have a round sum to pay the job-master, she will always have a pair ready; whereas, her coachman, by one means or other, will contrive to get nearly as much out of her pocket, and she may not always be able to have her carriage, if coachee has a friend coming to see him, or wants to go to a *party*.

From what I have said I trust I have borne out my assertion, that whoever undertakes the management of their *stud*, if they manage it badly must suffer in the pocket so long as the same management exists; this refers equally to

the buying, management, and using it, be it for what purpose it may.

But to return to the jobbing of hunters, which is sometimes done by masters or managers of fox-hounds; its advantages and disadvantages depend so much on circumstances, that it is impossible to decide which in a general way preponderate. If we are well acquainted with the habits, judgment, mode of riding, and management of any given person, it would be no difficult task to recommend the best mode for *him*, that is, under ordinary circumstances; if a man is careless about the management of his horses, is too indolent to attend to them, or has not good judgment in his management, he has but three plans to adopt, by which he has any chance of having his stud fit to go; he must either engage a first-rate stud-groom and keep his horses at home, send them to a hunting stable, or job them. To such a person, I should be tempted to recommend the latter, for he would then be sure of always having a given number of horses ready and fit to meet hounds, which might not be the case on either of the former plans, for when a man engages to keep you a certain number of horses for your use, he will, of course, use every exertion to place trusty men about them, and to see that they do their duty; a respectable man, as a stud-groom, will

probably do nearly the same ; but if a master is a careless, unfair, or, to say the least, injudicious rider in the field, the best stud-groom that ever had a horse under his care cannot keep the stud going, the sick and the lame will make a fearful array against the sound and hearty ones ; with such a customer as this, no doubt, whoever lets his hunters on a job, calculates and charges accordingly ; such a man must pay for his folly in some way, either by giving a considerably greater sum for the use of horses, than the same number would cost another man in his own stables, or by losing by the lamed and maimed he sells out in order to get others fit for the field.

If I mistake not, Count Segur went further in the jobbing system than most private individuals, and I believe Tilbury supplied him with horses. I never had the honour of any further acquaintance with the Count, than an occasional nod, but I have seen him “ go,” and go he certainly did, and, as a sailor would say, go ahead he did, and more than once over his horse’s head I have seen him go ; but the Count was not a man to be dismayed at such a contretemps ; he got up, shook his feathers, and, like a true good one, away he sailed again. We want a few such in these omnibus and railroad times, to keep up a specimen of what hunting men were, and to show

the illiberal and uninformed of my own country the fallacy of their ideas, that true pluck and high courage only exist where roast beef is at a premium. A Frenchman is no fox-hunter, he does not, nor as yet cannot, enter into the spirit of it, but those must have remained at their mamma's side all their lives, who would attribute any failure in anything on the part of a Frenchman, or indeed any foreigner, to any lack of personal courage.

I have said that I would as soon ride a post-horse an airing, as a job-hunter with hounds; such is my feeling, but I am quite aware it is not that of a true sportsman, or true fox-hunter. I doubt my being either at heart, for the man who makes the great pleasure of hunting to consist in riding fine or neat horses, with as neat bridles and saddles, does not show, in the first rank, as a true sportsman. Now, our truly orthodox and talented writer in the Sporting Magazine, Acteon, is every inch a sportsman, every half-inch a fox-hunter; his heart and soul are in his hounds and their hunting; he would ride in a balloon, if he could see his hounds hunt, or would ride a butcher's hack rather than not see hounds at all, and in truth, few men can screw a queer one across a country better, or as well as he can. All those who know him, only wish him a stud as good as he could ride, a pack as good as he could hunt; and if

I could command my fate, it would be, that I could hunt with him, for if not so true a sportsman as he, and if fond of what I have been often quizzed about, shining coats on my horses and neat appurtenances, I do still hold my head above those who merely hunt if it does not interfere with a party in town. I love fox-hunting, but I love nice horses, and cannot enjoy the one without the other. *De gustibus non disputandum est*; if the truth of this quotation is allowed me, I have courage to again say, I do not like riding post, and such I hold to be riding job-horses.

Mr. Tilbury's (whose name I have mentioned) horses do well because they are well done; the job-master's horses do the same from the same cause; so will your hunter, or other horse, if sent to proper places to livery. They will of course do equally well at home, if equally well managed, either by the master or stud-groom. But a person may candidly say, "I cannot manage well myself, nor can I keep a stud-groom." This is precisely the sort of person for whom I have written. It will be found I have not done so altogether with a view to instruct any one *how* to manage—for to learn this properly requires years of experience—but the one short (not flattering I allow) but honest advice, *do not manage at all*, is very easily learned. It is singular, if among a man's acquaintances he does

not know one to whose judgment he can trust; if a man really does not know such a person, then I should say, "Send your horses to livery at once." If, however, a man will *not* do this, really has no one he can consult with, or does not choose to do so, and cannot manage for himself, I can only say, in such a case I can give no more advice than I have; and it is one in which "the patient must minister to *himself*."

I am, however, not left without a further piece of advice to give my friends and (with permission) my readers also; for though I have had much experience and practice in the matters on which I now write and have written, it in nowise follows as a matter of course that I have turned that experience and practice to the best account; consequently, those not conversant with such matters may remain still far astray in the management of them; and further than this, though a man may manage tolerably or very well for himself, he may not have the talent or tact to write so as to make others do the same thing. Still I hope some hints may be gleaned from what I have said, or rather written, that may be useful. If, however, any owner of horses cannot manage them himself, cannot glean from what I have said, or the better advice of others, sufficient knowledge to do so, I can only bring forward the wholesome bit of advice to which I allude, namely, if he finds that,

for some reasons or other, he cannot act so as to prevent the stud making greater demands on the pocket than the pleasure of it compensates for as a *pis aller*, he had better at once pocket the stud.

THE END.

LONDON:
SPOTTISWOODE and SHAW,
New-street-Square.

NEW WORKS
IN MISCELLANEOUS AND GENERAL LITERATURE,
PUBLISHED BY
MESSRS. LONGMAN, BROWN, GREEN, AND LONGMANS,
PATERNOSTER ROW, LONDON.

CLASSIFIED INDEX.

AGRICULTURE & RURAL AFFAIRS.

	Pages	Pages
Bayldon on Valuing Rents, etc.	6	
Crocker's Land Surveying	9	
Johnson's Farmer's Encyclopedia	15	
London's Encyclopaedia of Agriculture	18	
" Self-Instruction for Farmers, etc.	18	
(Mrs.) Lady's Country Companion	18	
Low's Breeds of the Domesticated Animals	19	
Elements of Agriculture	19	
" On Landed Property	19	
" On the Domesticated Animals	19	
Parnell on Roads	24	
Stewart on Transfer of Landed Property	29	
Thomson on Fattening Cattle, etc.	30	

ARTS, MANUFACTURES, AND ARCHITECTURE.

Ball on the Manufacture of Tea	5
Brande's Dictionary of Science, etc.	7
Budge's Miner's Guide	7
Cartoons (The Prize)	8
Cresy's Encycl. of Civil Engineering	9
D'Agincourt's History of Art	9
Dresden Gallery	10
Eastlake on Oil Painting	10
Evans's Sugar Planter's Manual	11
Fergusson on Beauty in the Arts	11
Gwilt's Encyclopaedia of Architecture	12
Haydon's Lectures on Painting & Design	13
Holland's Manufacture in Metal	17
Jameson's Sacred and Legendary Art	15
Loudon's Rural Architecture	18
Moseley's Engineering and Architecture	23
Parnell on Roads	24
Porter's Manufacture of Silk	17
" Porcelain & Glass	17
Reid (Dr.) on Warming and Ventilating	25
Röhner's Musical Composition	26
Steam Engine (The), by the Artisan Club	5
Ure's Dictionary of Arts, etc.	31
Wood on Railroads	32

BIOGRAPHY.

Andersen's (H. C.) Autobiography	5
Bell's Lives of the British Poets	17
Collins's Life of Collins	8
Dunham's Early Writers of Britain	17
" Lives of the British Dramatists	17
Forster's Statesmen of the Commonwealth	17
" Life of Jebb	17
Foss's Judges of England	11
Gleig's British Military Commanders	17
Grant (Mrs.) Memoir and Correspondence	12
Humphreys's Black Prince	14
James's Life of the Black Prince	15
" Eminent Foreign Statesmen	17
Kindersley's De Bayard	15
Leslie's Life of Constable	16
Mackintosh's Life of Sir T. More	20
Mauder's Biographical Treasury	21
Roscoe's Lives of Eminent British Lawyers	17

	Pages
Rowton's British Postesses	26
Russell's Bedford Correspondence	6
Shelley's Literary Men of Italy, etc.	17
" Eminent French Writers	17
Southern's Lives of the British Admirals	17
" Life of Wesley	29
" Life and Correspondence	29
Taylor's Loyalty	30
Townsend's Twelve eminent Judges	31
Waterton's Autobiography and Essays	32

BOOKS OF GENERAL UTILITY.

Acton's (Eliza) Cookery Book	5
Black's Treatise on Brewing	6
Cabinet Lawyer (The)	7
Donovan's Domestic Economy	17
Foster's Hand-book of Literature	11
Hints on Etiquette	13
Hudson's Executor's Guide	16
" On Making Wills	16
Loudon's Self Instruction	18
" (Mrs.) Amateur Gardener	18
Mauder's Treasury of Knowledge	21
" Scientific and Literary Treasury	21
" Treasury of History	21
" Biographical Treasury	21
" Natural History	22
Parkes's Domestic Duties	24
Pocket and the Stud	26
Pycroft's Course of English Reading	25
" Collegian's Guide	25
Reader's Time Tables	26
Rich's Companion to the Latin Dictionary	26
Riddle's Eng.-Lat. and Lat.-Eng. Dict.	26
Robinson's Art of Curing, Pickling, etc.	26
" Art of Making British Wines	26
Rowton's Debater	26
Short Whist	27
Suttor's Instructor (The)	29
Thomson's Management of Sick Room	30
" Interest Tables	30
Webster's Encycl. of Domestic Economy	32
Zumpt's Latin Grammar	32

BOTANY AND GARDENING.

Ball on the Cultivation of Tea	5
Gaillott's Scripture Herbal	8
Conversations on Botany	8
Drammond on Natural Systems	10
Evans's Sugar Planter's Manual	11
Henlow's Botany	17
Hoare on the Grape Vine on Open Walls	13
" On the Roots of Vines	13
Hooker's British Flora	13
" Guide to Kew Gardens	13
Lindley's Theory of Horticulture	15
" Orchard and Kitchen Garden	18
" Introduction to Botany	16
" Synopsis of British Flora	16
Loudon's Hortus Britanicus	19
" Hortus Lignosus Londinensis	19
" Encyclopaedia of Trees & Shrubs	18
" Gardening	18

	Pages	Pages		
Loudon's Encyclopedia of Plants	18	Mackintosh's History of England	17	
" Suburban Gardener	19	Miscellaneous Works	29	
" Self-Instruction for Gardeners	18	McCulloch's Dictionary, Historical, Geographical, and Statistical	20	
" (Mr.) Amateur Gardener	18	Mauder's Treasury of History	21	
Repton's Landscape Gardening, etc.	25	Milner's Church History	22	
Rivers's Rose Amateur's Guide	26	Moore's History of Ireland	17	
Rogers's Vegetable Cultivator	26	Mosheim's Ecclesiastical History	23	
CHRONOLOGY.				
Blair's Chronological Tables	6	Mure's Ancient Greece	23	
Bosanquet's Chronology of Ezra, etc.	6	Nicolas's Chronology of History	17	
Bunsen's Ancient Egypt	7	Passages from Modern History	28	
Nicolas's Chronology of History	17	Ranke's History of the Reformation	25	
Riddle's Ecclesiastical Chronology	26	Rich's Companion to the Latin Dictionary	25	
COMMERCE AND MERCANTILE AFFAIRS.				
Banfield and Weld's Statistics	5	Riddle's Latin Dictionaries	26	
Gray on Money	12	Rome, History of	17	
McCulloch's Dictionary of Commerce	20	Rowton's British Poetesses	26	
Reader's Time Tables	26	Russell's Bedford Correspondence	6	
Steel's Shipmaster's Assistant	29	Scott's History of Scotland	17	
Thomson's Tables of Interest	30	Sedgwick's France	27	
Walford's Customs' Laws	81	Sinnett's Byways of History	28	
GEOGRAPHY AND ATLASES.				
Butler's Ancient and Modern Geography	7	Southey's Doctor, etc.	29	
" Atlas of Modern Geography	7	Stebbing's History of the Christian Church	17	
" " Ancient Geography	7	Church History	17	
" " General Geography	7	Stephen's Essays	29	
De Strzelecki's New South Wales	9	Switzerland, History of	17	
Erman's Travels through Siberia	10	Sydney Smith's Works	28	
Forster's Historical Geography of Arabia	11	Taylor's Leyola	30	
Hall's Large General Atlas	13	Thirlwall's History of Greece	30	
McCulloch's Geographical Dictionary	20	Tooke's Histories of Prices	31	
Mitchell's Australian Expedition	22	Turner's History of England	31	
Murray's Encyclopedia of Geography	23	Welsford's Mithridates	32	
Parrot's Ascent of Mount Ararat	24	Zumpt's Latin Grammar	33	
HISTORY AND CRITICISM.				
Bell's History of Russia	17	JUVENILE BOOKS.		
Blair's Chron. and Historical Tables	6	Amy Herbert	5	
Bloomfield's Translation of Thucydides	6	Callicott's Home among Strangers	8	
" Edition of Thucydides	6	Gertrude	12	
Bunsen's Ancient Egypt	7	Gower's Scientific Phenomena	12	
Conybeare and Howson's St. Paul	8	Howitt's Boy's Country Book	14	
Cooley's Maritime and Inland Discovery	17	Children's Year	14	
Crowe's History of France	17	Laneton Parsonage	16	
De Sismondi's Fall of the Roman Empire	17	Mackintosh's Life of Sir T. More	20	
" Italian Republics	17	Marcer's Conversations—		
Dunham's History of Spain and Portugal	17	On Chemistry	20	
" Europe in the Middle Ages	17	On Natural Philosophy	20	
" History of the German Empire	17	On Political Economy	20	
" Denmark, Sweden, and Norway	17	On Vegetable Physiology	21	
" History of Poland	17	On Land and Water	21	
Dunlop's History of Fiction	19	Marryat's Masterman Ready	21	
Eastlake's History of Oil Painting	10	" Privateer's-Man	21	
Ecclestone's English Antiquities	10	" Settlers in Canada	21	
Foss's Judges of England	11	" Mission; or, Scenes in Africa	21	
Foster's European Literature	11	Passages from Modern History	28	
Fergus's United States of America	17	Pycroft's Course of English Reading	25	
Gibbon's Roman Empire	12	Twelve Years Ago	31	
Grant (Mrs.) Memoir and Correspondence	12	MEDICINE.		
Grattan's History of Netherlands	17	Bull's Hints to Mothers	7	
Grimbott's William III. and Louis XIV.	12	" Management of Children	7	
Harrison On the English Language	13	Copland's Dictionary of Medicine	8	
Haydon's Lectures on Painting and Design	13	Elliottson's Human Physiology	10	
Historical Pictures of the Middle Ages	13	Holland's Medical Notes	13	
Humphreys's Black Prince	14	Latham On Diseases of the Heart	16	
Jeffrey's (Lord) Contributions	15	Pereira On Food and Diet	24	
Keightley's Outlines of History	17	Thomson On Food	30	
Kemble's Anglo-Saxons in England	15	MISCELLANEOUS.		
Laing's Kings of Norway	16	Barnes's Electoral Law of Belgium	5	
Lindo's Jews of Spain and Portugal	18	Cartoons (The Prize)	8	
Macaulay's Essays	19	Colton's Lacon	9	
" History of England	19	De Jaenisch On Chess Openings	9	
		De la Gravière's Last Naval War	9	
		De Morgan On Probabilities	17	
		De Strzelecki's New South Wales	9	
		Dresden Gallery	10	
		Dunlop's History of Fiction	10	

	Pages	
Field On Prison Discipline	11	
Gardiner's Sights in Italy	11	
Gower's Scientific Phenomena	12	
Graham's English	12	
Grant's Letters from the Mountains	12	
Hooker's Kew Guide	13	
Howitt's Rural Life of England	14	
" Visits to Remarkable Places	14	
" Student Life of Germany	14	
" Rural and Social Life of Germany	14	
" Colonisation and Christianity	14	
Jeffrey's (Lord) Contributions	15	
Loudon's (Mrs.) Lady's Country Companion	18	
Macaulay's Critical and Historical Essays	19	
Mackintosh's (Sir J.) Miscellaneous Works	20	
Maitland's Church in the Catacombs	20	
Necker De Saussure's on Education	23	
Pascal's Miscellaneous Writings	24	
Plunkett On the Navy	25	
Pycroft's Collegian's Guide	25	
" Course of English Reading	25	
" Remembrance of Bouchard	25	
Rich's Companion to the Latin Dictionary	25	
Richter's Levana	26	
Riddle's Latin Dictionaries	26	
Rößner's Musical Composition	26	
Rowton's Debater	26	
Sandford's Parochialia	26	
Seaward's Narrative of his Shipwreck	27	
Southey's Common-Place Book	29	
" Doctor, etc.	29	
Sailor's Instructor (The)	29	
Sydney Smith's Works	28	
Thomson on Food of Animals, etc.	30	
Walker's Chess Studies	32	
Welsford's Mithridates	32	
Willoughby's (Lady) Diary	32	
Zumpt's Latin Grammar	32	
NATURAL HISTORY IN GENERAL.		
Catlow's Popular Conchology	8	
Doubleday's Butterflies and Moths	10	
Gray and Mitchell's Ornithology	12	
" Accipitres	12	
Kirby and Spence's Entomology	15	
Lee's Taxidermy	16	
" Elements of Natural History	16	
Mauder's Treasury of Natural History	22	
Stephens' British Beetles	29	
Swainson on the Study of Natural History	17	
" Animals	17	
" Quadrupeds	17	
" Birds	17	
" Animals in Menageries	17	
" Fish, Amphibia, and Reptiles	17	
" Insects	17	
" Malacology	17	
" Habits and Instincts	17	
" Taxidermy	17	
Turton's Shells of the British Islands	31	
Waterton's Essays on Natural History	32	
Westwood's Classification of Insects	32	
NOVELS AND WORKS OF FICTION.		
Caldecott's Home among Strangers	8	
Dunlop's History of Fiction	10	
Hall's Midsummer Eve	12	
Lady Willoughby's Diary	32	
Landor's Fountain of Arethusa	16	
Madame De Malguet	20	
Marryat's Masterman Ready	21	
" Privateer's-Man	21	
" Settlers in Canada	21	
" Mission; or, Scenes in Africa	21	
Senior's Charles Vernon	27	
Southey's Doctor, etc.	29	
Twelve Years Ago	31	
ONE VOLUME ENCYCLOPÆDIAS AND DICTIONARIES.		
Blaine's, of Rural Sports	6	
Brande's, of Science, Literature, and Art	7	
Copland's, of Medicine	8	
Cresy's, of Civil Engineering	9	
Gwilt's, of Architecture	12	
Johnson's Farmer	15	
London's, of Trees and Shrubs	18	
" of Gardening	18	
" of Agriculture	18	
" of Plants	18	
" of Rural Architecture	18	
McCulloch's Geographical Dictionary	20	
" Dictionary of Commerce	20	
Murray's Encyclopædia of Geography	23	
Ure's Arts, Manufactures, and Mines	31	
Webster's Domestic Economy	32	
POETRY. AND THE DRAMA.		
Aikin's (Dr.) British Poets	27	
Chalmers' Walter Gray	8	
Flowers and their Kindred Thoughts	11	
Goldsmith's Poems, Illustrated	12	
Gray's Elegy, Illuminated	12	
L. E. L.'s Poetical Works	16	
Linwood's Anthologia Oxoniensis	18	
Macaulay's Lays of Ancient Rome	19	
Mackay's English Lakes	20	
Montgomery's Poetical Works	22	
Moore's Irish Melodies	22 & 23	
" Latin Book	22	
" Poetical Works	22	
Rowton's British Poetesses	26	
Shakspeare, by Bowdler	27	
Songs, Madrigals, and Sonnets	28	
Southey's Poetical Works	29	
" British Poets	27	
Thomson's Seasons, Illustrated	30	
" with Notes, by Dr. A. T. Thomson	30	
POLITICAL ECONOMY AND STATISTICS.		
Banfield and Weld's Statistics	5	
Barnes's Electoral Laws of Belgium	5	
Gray's Lectures on Money	12	
McCulloch's Geographical, Statistical, and Historical Dictionary	20	
McCulloch's Dictionary of Commerce	20	
" Literature of Polit. Economy	20	
" On Succession to Property	20	
" On Taxation and Funding	20	
" Statistics of the British Empire	20	
Marcel's Conversations on Polit. Economy	20	
Tooke's Histories of Prices	31	
Twiss's (Dr.) View of Political Economy	31	
RELIGIOUS AND MORAL WORKS, ETC.		
Amy Herbert, edited by Rev. W. Sewell	5	
Barrett's Old Testament Criticisms	6	
Bloomfield's Greek Testament	6	
" College and School ditto	6	
" Lexicon to Greek Testament	6	
Bunsen's Church of the Future	7	
Burder's Oriental Customs	7	
Burns's Christian Philosophy	7	
" Christian Fragments	7	
Callicott's Scripture Herbal	8	
Conybeare and Howson's St. Paul	8	
Cooper's Sermons	8	
Coquerel's Christianity	9	
Dale's Domestic Liturgy	9	
Bibdin's Sunday Library	9	

	Pages		Pages
Discipline	9	Hawker's Instructions to Sportsmen	13
Ecclesiastes (illuminated)	10	Jones's Norway Salmon Fisher	15
Englishman's Hebrew Concordance	10	Loudon's (Mrs.) Lady's Country Companion	18
Greek Concordance	10	Pocket and the Stud	25
Etheridge's Acts and Epistles	11	Stable Talk and Table Talk	29
Forster's Historical Geography of Arabia	11		
Life of Bishop Jebb	11		
From Oxford to Rome	11		
Gertrude, edited by the Rev. W. Sewell	12		
Hook's (Dr.) Lectures on Passion Week	13		
Horne's Introduction to the Scriptures	13		
Compendium of ditto	14		
Jameson's Sacred and Legendary Art	15	Baker's Railway Engineering	5
Jebb's Correspondence with Knox	15	Brande's Dictionary of Science, etc.	7
Translation of the Psalms	15	Brewster's Optics	17
Kip's Christmas in Rome	15	Conversations on Mineralogy	8
Knox's (Alexander) Remains	16	Dela Beche on the Geology of Cornwall, etc.	9
Laneton Parsonage	16	Donovan's Chemistry	17
Letters to my Unknown Friends	16	Farey on the Steam Engine	11
Maitland's Church in the Catacombs	20	Fosbroke on the Arts of the Ancients	17
Margrave Percival	21	Gower's Scientific Phenomena	12
Maxims, etc. of the Saviour	22	Herschel's Natural Philosophy	17
Milner's Church History	22	Astronomy	17
Miracles of Our Saviour	22	Holland's Manufactures in Metal	17
Moore on the Power of the Soul	23	Humboldt's Cosmos	14
on the Use of the Body	23	Hunt's Researches on Light	15
on Man and his Motives	23	Kater and Lardner's Mechanics	17
Morell's Philosophy of Religion	23	Lardner's Cabinet Cyclopedia	17
Mosheim's Ecclesiastical History	23	Hydrostatics and Pneumatics	17
Neale's Closing Scene	23	and Walker's Electricity	17
Parables of Our Lord	24	Arithmetic	17
Parkes's Domestic Duties	24	Geometry	17
Pascal's Letters, by Pearce	24	Treatise on Heat	17
Pitman's Sermons on the Psalms	25	Low's Chemistry	19
Ranke's Reformation	25	Marcel's Conversations on the Sciences	20, 21
Rest in the Church	25	Matteucci On Physical Phenomena	21
Riddle's Letters from a Godfather	25	Memoirs of the Geological Survey	22
Sandford On Female Improvement	27	Moseley's Practical Mechanics	23
On Woman	27	Engineering and Architecture	23
Parochialia	26	Owen's Comparative Anatomy	23 & 24
Sermon on the Mount (The)	27	Peschel's Physics	24
Shunammite (The Good)	27	Phillips's Palaeozoic Fossils of Cornwall, etc.	24
Sinclair's Journey of Life	28	Mineralogy, by Prof. Miller	24
Business of Life	27	Treatise on Geology	17
Sketches (The)	28	Portlock's Geology of London	25
Smith's (G.) Perilous Times	28	Powell's Natural Philosophy	17
Religion of Ancient Britain	28	Ritchie (Robert) on Railways	26
Sacred Annals	28	Steam Engine (Ure), by the Artisan Club	5
(J.) St. Paul's Shipwreck	28	Thomson's School Chemistry	30
Soames's Latin Church	28		
Solomon's Song (illuminated)	28		
Southey's Life of Wesley	29		
Stebbing's Christian Church	29		
Reformation	17		
Stephen's Church of Scotland	29		
Sydney Smith's Sermons	28		
Tate's History of St. Paul	29		
Taylor's (Rev. C. B.) Margaret	30		
Lady Mary	30		
Taylor's (Jeremy) Works	30		
(Isaac) Loyola	30		
Tomline's Introduction to the Bible	30		
Turner's Sacred History	31		
Twelve Years Ago	31		
Walker's Elements Liturgica	31		
Wardlaw On the Socinian Controversy	32		
Wilberforce's View of Christianity	32		
Willoughby's (Lady) Diary	32		
Wilson's Lands of the Bible	32		
Wisdom of Johnson's Rambler, etc.	15		
Woodward's Sermons and Essays	32		
RURAL SPORTS.			
Blaine's Dictionary of Sports	6		
Ephemeris on Angling	10		
Hawbuck Grange	13		
THE SCIENCES IN GENERAL, AND MATHEMATICS.			
Baker's Railway Engineering	5		
Brande's Dictionary of Science, etc.	7		
Brewster's Optics	17		
Conversations on Mineralogy	8		
Dela Beche on the Geology of Cornwall, etc.	9		
Donovan's Chemistry	17		
Farey on the Steam Engine	11		
Fosbroke on the Arts of the Ancients	17		
Gower's Scientific Phenomena	12		
Herschel's Natural Philosophy	17		
Astronomy	17		
Holland's Manufactures in Metal	17		
Humboldt's Cosmos	14		
Hunt's Researches on Light	15		
Kater and Lardner's Mechanics	17		
Lardner's Cabinet Cyclopedia	17		
Hydrostatics and Pneumatics	17		
and Walker's Electricity	17		
Arithmetic	17		
Geometry	17		
Treatise on Heat	17		
Low's Chemistry	19		
Marcel's Conversations on the Sciences	20, 21		
Matteucci On Physical Phenomena	21		
Memoirs of the Geological Survey	22		
Moseley's Practical Mechanics	23		
Engineering and Architecture	23		
Owen's Comparative Anatomy	23 & 24		
Peschel's Physics	24		
Phillips's Palaeozoic Fossils of Cornwall, etc.	24		
Mineralogy, by Prof. Miller	24		
Treatise on Geology	17		
Portlock's Geology of London	25		
Powell's Natural Philosophy	17		
Ritchie (Robert) on Railways	26		
Steam Engine (Ure), by the Artisan Club	5		
Thomson's School Chemistry	30		
TRAVELS.			
Borrer's Campaign in Algeria	6		
Costello's (Miss) North Wales	8		
Coulter's California, etc.	9		
Pacific	9		
De Strzelecki's New South Wales	9		
Dunlop's Central America	10		
Erman's Travels through Siberia	10		
Gardiner's Sights in Italy	11		
Jones's Norway Guide	15		
Kip's Holidays in Rome	15		
Laing's Tour in Sweden	16		
Mackay's English Lakes	20		
Marryat's Borneo	21		
Mitchell's Expedition into Australia	22		
Norzani in Egypt and Syria	23		
Parrot's Ascent of Mount Ararat	24		
Seaward's Narrative of his Shipwreck	27		
Von Orlich's Travels in India	31		
Wilson's Travels in the Holy Land	32		
VETERINARY MEDICINE			
Pocket and the Stud	25		
Stable Talk and Table Talk	29		
Thomson on Fattening Cattle	30		

NEW WORKS AND NEW EDITIONS

PUBLISHED BY

MESSRS. LONGMAN, BROWN, GREEN, AND LONGMANS.

ACTON (MISS).—MODERN COOKERY,

In all its Branches, reduced to a System of Easy Practice. For the use of Private Families. In a Series of Practical Receipts, all of which have been strictly tested, and are given with the most minute exactness. By Eliza Acton. New Edition, to which are added, Directions for Carving. Foolscape 8vo. with Plates and Woodcuts. 7s. 6d. cloth.

"The whole of Miss Acton's recipes with a few trifling exceptions, which are scrupulously specified, are confined to such as may be perfectly depended on, from having been proved beneath our own roof, and under our own personal inspection." We add, moreover, that the recipes are all reasonable, and never in any instance extravagant. They do not bid us sacrifice ten pounds of excellent meat, that we may get a couple of quarts of gravy from it; nor do they deal with butter and eggs as if they cost nothing. Miss Acton's book is a good book in every way; there is right-mindedness in every page of it, as well as thorough knowledge and experience of the subjects she handles."—Medical Gazette.

AMY HERBERT.

By a Lady. Edited by the Rev. William Sewell, B.D. of Exeter College, Oxford. New Edition. 2 vols. foolscap 8vo. 9s. cloth.

ANDERSEN.—THE TRUE STORY OF MY LIFE;

A Sketch. By Hans Christian Andersen, author of "The Shoes of Fortune," "The Nightingale," "O. T.," "Only a Fiddler," "The Improvisatore," etc. Translated by Mary Howitt. Fcp. 8vo. 6s. cloth.

ARTISAN CLUB (THE).—A TREATISE ON THE STEAM-ENGINE.

In its application to Mines, Mills, Steam Navigation, and Railways. By the Artisan Club. Edited by John Bourne, C.E. New Edition. 4to. with 30 Steel Plates, etc., and about 350 Wood Engravings, 27s. cloth.

BAKER.—RAILWAY ENGINEERING;

Containing the most approved Methods of laying out Railway Curves, and of setting out the Cuttings, Embankments, and Tunnels of Railways: with a General and two Auxiliary Tables, for the Calculation of Earthworks of Railways, Canals, etc. Also, the Investigation of the Formula for the Superelevation of the exterior Rail in Curves. By T. Baker, Surveyor and Civil Engineer. 8vo. 6s. cloth.

BALL.—AN ACCOUNT OF THE CULTIVATION AND MANUFACTURE

OF TEA IN CHINA: derived from Personal Observation during an Official Residence in that Country of upwards of Twenty Years; and illustrated by the best Authorities, Chinese as well as European. With some Remarks on the Experiments now making for the Introduction of the Culture of the Tea Tree in other parts of the World. By S. Ball, Esq. late Inspector of Teas to the East India Company in China. 8vo. with Plates and Woodcuts, 14s. cloth.

BANFIELD AND WELD.—THE STATISTICAL COMPANION;

Exhibiting the most interesting Facts in Moral and Intellectual, Vital, Economical, and Political Statistics, at home and abroad. Compiled from Official and other authentic Sources, by T. C. Banfield, Statistical Clerk to the Council of Education; and C. R. Weld, Assistant Secretary to the Royal Society. Foolscape 8vo. 5s. cloth.

BARNES.—THE ELECTORAL LAWS OF BELGIUM

Proposed as the Basis of Parliamentary Reform in England. Translated, with the Commentary of M. J. B. Bivort, Secretary of the Cabinet of the Belgian Minister of the Interior. By Philip Edward Barnes, Esq. B.A. F.L.S. Foolscape 8vo. 3s. 6d. cloth.

BARRETT.—A SYNOPSIS OF CRITICISMS

Upon those Passages of the Old Testament in which Modern Commentators have differed from the Authorized Version: together with an Explanation of various Difficulties in the Hebrew and English Texts. By the Rev. Richard A. F. Barrett, M.A. Fellow of King's College, Cambridge. Vols. I. and II. 8vo. 28s. each cloth; or in 4 Half-vols. 14s. each. Also, Half-vol. V. 14s. cloth.

BAYLDON.—THE ART OF VALUING RENTS AND TILLACES,

And the Tenant's Right of Entering and Quitting Farms, explained by several Specimens of Valuations; and Remarks on the Cultivation pursued on Soils in different Situations. Adapted to the Use of Landlords, Land-Agents, Appraisers, Farmers, and Tenants. By J. S. Bayldon. New Edition, corrected and revised by John Donaldson. 8vo. 10s. 6d. cloth.

BEDFORD CORRESPONDENCE.—CORRESPONDENCE OF JOHN, FOURTH DUKE OF BEDFORD, selected from the Originals at Woburn Abbey, (1742-70). With Introductions by Lord John Russell. 3 vols. 8vo. with Portrait, 48s. cloth.**BLACK.—A PRACTICAL TREATISE ON BREWING.**

Based on Chemical and Economical Principles: with Formulae for Public Brewers, and Instructions for Private Families. By William Black. Third Edition, revised and corrected, with considerable Additions. 8vo. 10s. 6d. cloth.—Also,

SUPPLEMENT, of REMARKS on BAVARIAN BEER, etc. 8vo. 2s. 6d. sewed.

BLAINE.—AN ENCYCLOPÆDIA OF RURAL SPORTS;

Or, a complete Account, Historical, Practical, and Descriptive, of Hunting, Shooting, Fishing, Racing, and other Field Sports and Athletic Amusements of the present day. By Delabere P. Blaine, Esq., author of "Canine Pathology," etc. With nearly 600 Engravings on Wood, by R. Branston, from Drawings by Alken, T. Landseer, Dickes, etc. 8vo. 50s. cloth.

BLAIR'S CHRONOLOGICAL AND HISTORICAL TABLES,

From the Creation to the present Time: with Additions and Corrections from the most authentic Writers; including the Computation of St. Paul, as connecting the Period from the Exodus to the Temple. Under the revision of Sir Henry Ellis, K.H., Principal Librarian of the British Museum. Imperial 8vo. 31s. 6d. half-bound morocco.

BLOOMFIELD.—THE HISTORY OF THE PELOPONNESIAN WAR.

By Thucydides. A New Recension of the Text, with a carefully amended Punctuation; and copious Notes, Critical, Philological, and Explanatory, almost entirely original, but partly selected and arranged from the best Expositors: accompanied with full Indexes. Illustrated by Maps and Plans. By the Rev. S. T. Bloomfield, D.D. F.S.A. 2 vols. 8vo. 38s. cloth.

BLOOMFIELD.—THE HISTORY OF THE PELOPONNESIAN WAR.

By Thucydides. Translated into English, and accompanied with very copious Notes, Philological and Explanatory, Historical and Geographical. By the Rev. S. T. Bloomfield, D.D. F.S.A. 2 vols. 8vo. with Maps and Plates, 21s. 6d. boards.

BLOOMFIELD.—THE GREEK TESTAMENT:

With copious English Notes, Critical, Philological, and Explanatory. Formed for the use of advanced Students of Divinity and Candidates for Holy Orders. By the Rev. S. T. Bloomfield, D.D. F.S.A. New Edition. 2 vols. 8vo. with a Map of Palestine, 40s. cloth.

BLOOMFIELD.—THE GREEK TESTAMENT FOR COLLEGES AND SCHOOLS; with shorter English Notes, Critical, Philological, and Explanatory. By the Rev. S. T. Bloomfield, D.D. New Edition, enlarged, with a New Map and an Index. Foolscape 8vo. 10s. 6d. cloth.**BLOOMFIELD.—GREEK AND ENGLISH LEXICON TO THE NEW TESTAMENT:** especially adapted to the use of Colleges, and the Higher Classes in Public Schools; but also intended as a convenient Manual for Biblical Students in general. By Dr. Bloomfield. New Edition, improved. Foolscape 8vo. 10s. 6d. cloth.**BORRER.—NARRATIVE OF A CAMPAIGN WITH A FRENCH COLUMN** against the Kabyles of Algeria: with the Mission of M. Suchet to the Emir Abd-el-Kader, for an Exchange of Prisoners. By Dawson Borrer, F.R.G.S. Membre Correspondant de la Société Orientale à Paris, author of "A Journey from Naples to Jerusalem." Post 8vo. 10s. 6d. cloth.**BOSANQUET.—CHRONOLOGY OF THE TIMES OF DANIEL, EZRA, AND NEHEMIAH,** considered with the view of correcting an Error of Thirty-three Years in the received Chronology between the Capture of Jerusalem by Nebuchadnezzar and the Birth of Christ. Leading to an Explanation of the Prophecy of the Seventy Weeks, the Recovery of the lost Era of the Jubilee, and the Rectification of several important Dates in Scripture Chronology. By J. Whatman Bosanquet, Esq. Part I. 8vo. 8s. 6d. cloth.

BRANDE.—A DICTIONARY OF SCIENCE, LITERATURE, AND ART;
Comprising the History, Description, and Scientific Principles of every Branch of Human Knowledge; with the Derivation and Definition of all the Terms in general use. Edited by W. T. Brande, F.R.S.L. and E.; assisted by Dr. J. Cauvin. 8vo. with Woodcuts, 3*l.* cloth.

BUDGE (J.)—THE PRACTICAL MINER'S GUIDE.

Comprising a Set of Trigonometrical Tables adapted to all the purposes of Oblique or Diagonal, Vertical, Horizontal, and Traverse Dialling; with their application to the Dial, Exercise of Drifts, Lodes, Slides, Levelling, Inaccessible Distances, Heights, etc. By J. Budge. New Edition, enlarged. 8vo. with Portrait, 12*s.* cloth.

BULL.—HINTS TO MOTHERS,

For the Management of Health during the Period of Pregnancy and in the Lying-in Room; with an Exposure of Popular Errors in connexion with those subjects. By Thomas Bull, M.D. New Edition, revised and considerably enlarged. Foolscap 8vo. 7*s.* cloth.

BULL.—THE MATERNAL MANAGEMENT OF CHILDREN,

In HEALTH and DISEASE. By Thomas Bull, M.D. Physician Accoucheur to the Finsbury Midwifery Institution, etc. New Edition, revised and enlarged. Foolscap 8vo. 5*s.* cloth.

BUNSEN.—THE CONSTITUTION OF THE CHURCH OF THE FUTURE.

A practical Explanation of the Correspondence with the Right Hon. William Gladstone, on the German Church, Episcopacy, and Jerusalem. With a Preface, Notes, and the complete Correspondence. By the Chevalier C. C. J. Bunsen, Ph.D., D.C.L. Translated under the superintendence of and with additions by the Author. Post 8vo. 9*s.* 6*d.* cloth.

BUNSEN.—EGYPT'S PLACE IN UNIVERSAL HISTORY:

An Historical Investigation, in Five Books. By C. C. J. Bunsen, D. Ph. and D.C.L. Translated from the German, by C. H. Cottrell, Esq. M.A. Vol. I. containing the First Book, or Sources and Primeval Facts of Egyptian History; with an Egyptian Grammar and Dictionary, and a complete List of Hieroglyphical Signs; an Appendix of Authorities, embracing the complete Text of Manetho and Kratosthenes, *Egyptiaca* from Pliny, Strabo, etc.; and Plates representing the Egyptian Divinities. 8vo. with numerous Illustrations, 2*l.* cloth.

BURDER.—ORIENTAL CUSTOMS,

Applied to the Illustration of the Sacred Scriptures. By Dr. Samuel Burder. New Edition, with Additions. Foolscap 8vo. 8*s.* 6*d.* cloth.

BURNS.—THE PRINCIPLES OF CHRISTIAN PHILOSOPHY;

Containing the Doctrines, Duties, Admonitions, and Consolations of the Christian Religion. By John Burns, M.D. F.R.S. 6th Edition. Foolscap 8vo. 6*s.* 6*d.* cloth.

BURNS.—CHRISTIAN FRAGMENTS;

Or, Remarks on the Nature, Precepts, and Comforts of Religion. By John Burns, M.D. F.R.S. Foolscap 8vo. 5*s.* cloth.

BUTLER.—A SKETCH OF MODERN AND ANCIENT GEOGRAPHY.

By Samuel Butler, D.D., late Lord Bishop of Lichfield and Coventry; and formerly Head Master of Shrewsbury School. New Edition, revised by the Author's Son. 8vo. 9*s.* boards.

BUTLER.—AN ATLAS OF MODERN GEOGRAPHY.

Consisting of Twenty-three coloured Maps, from a New Set of Plates; with an Index of all the Names of Places, referring to the Latitudes and Longitudes. By the late Dr. Butler, Bishop of Lichfield. New Edition, corrected. 8vo. 12*s.* half-bound.

BUTLER.—AN ATLAS OF ANCIENT GEOGRAPHY.

Consisting of Twenty-three coloured Maps: with an Index of all the Names of Places, referring to the Latitudes and Longitudes. By the late Dr. Butler, Bishop of Lichfield. New Edition, corrected. 8vo. 12*s.* half-bound.

BUTLER.—A GENERAL ATLAS OF MODERN AND ANCIENT GEOGRAPHY.

Consisting of Forty-five coloured Maps, and copious Indices referring to the Latitudes and Longitudes. By the late Dr. Butler, Bishop of Lichfield. New Edition, from an entirely new and corrected set of Plates. 4to. 2*l.* half-bound.

CABINET LAWYER (THE).

A Popular Digest of the Laws of England, Civil and Criminal; with a Dictionary of Law Terms, Maxims, Statutes, and Judicial Antiquities; Correct Tables of Assessed Taxes, Stamp Duties, Excise Licences, and Post-Horse Duties; Post-Office Regulations, and Prison Discipline. Fourteenth Edition, enlarged, and corrected throughout, with the Legal Decisions and Statutes to Michaelmas Term, 10 and 11 Victoria. Fcap. 8vo. 10*s.* 6*d.* cloth.

CALLCOTT.—HOME AMONG STRANGERS:

A Tale. By Maria Hutchins Callcott. 2 vols. fcap. 8vo. 9s. cloth.

CALLCOTT.—A SCRIPTURE HERBAL:

With upwards of 120 Wood Engravings. By Lady Callcott. Square crown 8vo. 17s. cloth.

CARTOONS.—THE PRIZE CARTOONS EXHIBITED IN WESTMINSTER-HALL,

Published under the Sanction and Patronage of Her Majesty's Commissioners on the Fine Arts. Eleven large folio Engravings, in a neat Portfolio, 5s. 5s.; Proofs before letters, 8s. 8s.

CATLOW.—POPULAR CONCHOLOGY;

Or, the Shell Cabinet arranged: being an Introduction to the modern System of Conchology; with a sketch of the Natural History of the Animals, an account of the Formation of the Shells, and a complete Descriptive List of the Families and Genera. By Agnes Catlow. Foolscape 8vo. with 312 Woodcuts, 10s. 6d. cloth.

CHALENOR.—WALTER GRAY,

A Ballad, and other Poems. By Mary Chalenor. 2d Edition, with Additions, including the Author's Poetical Remains. Fcap. 8vo. 6s. cloth.

COLLINS.—MEMOIRS OF THE LIFE OF WILLIAM COLLINS, ESQ. R.A.

Including Selections from his Journals and Correspondence. Notices of many of his eminent Contemporaries, and a Description of his principal Works. By his Son, W. Wilkie Collins, Esq. With Portrait after Linnell, and 2 Vignettes from Sketches by the Painter. 2 vols. post 8vo. 21s. cloth.

COLTON—LACON; OR, MANY THINGS IN FEW WORDS.

By the Rev. C. C. Colton. New Edition. 8vo. 12s. cloth.

CONVERSATIONS ON BOTANY.

New Edition, improved. Foolscape 8vo. with 22 Plates, 7s. 6d. cloth; with coloured Plates, 12s.

CONVERSATIONS ON MINERALOGY.

With Plates, engraved by Mr. and Mrs. Lowry, from Original Drawings. Third Edition, enlarged. 2 vols. foolscape 8vo. 14s. cloth.

CONYBEARE AND HOWSON.—THE LIFE AND EPISTLES OF ST. PAUL;

comprising a complete Biography of the Apostle, and a Paraphrastic Translation of his Epistles inserted in Chronological order. Edited by the Rev. W. J. Conybeare, M.A. late Fellow of Trinity College, Cambridge; and the Rev. J. S. Howson, M.A. Principal of the Collegiate Institution, Liverpool. 2 vols. 4to., richly illustrated by numerous Engravings on Steel and Wood of the Principal Places visited by the Apostle, from Original Drawings made on the spot by W. H. Bartlett; and by Maps, Charts, Coins, etc.

* To be published in Monthly Parts, price 2s. each; the First of which will appear in the Autumn of 1849.

COOPER (THE REV. E.)—SERMONS,

chiefly designed to elucidate some of the leading Doctrines of the Gospel. By the Rev. Edward Cooper. New Edition. 2 vols. 12mo. 10s. boards.

COOPER (THE REV. E.)—PRACTICAL AND FAMILIAR SERMONS.

New Edition. 7 vols. 12mo. 11. 18s. boards.

COPLAND.—A DICTIONARY OF PRACTICAL MEDICINE;

Comprising General Pathology, the Nature and Treatment of Diseases, Morbid Structures, and the Disorders especially incidental to Climates, to Sex, and to the different Epochs of Life, with numerous approved Formulae of the Medicines recommended. By James Copland, M.D., etc. etc. Vols. I. and II., 8vo. 3s. cloth; and Parts X. to XIII. 4s. 6d. each.

COQUEREL.—CHRISTIANITY;

Its perfect adaptation to the Mental, Moral, and Spiritual Nature of Man. By Athanase Coquerel, one of the Pastors of the French Protestant Church in Paris. Translated by Rev. D. Davison, M.A. With an Introductory Notice of the State of the Protestant Church of France, written by the Author for the English Edition. Post 8vo. 12s. cloth.

COSTELLO (MISS)—FALLS, LAKES, AND MOUNTAINS OF NORTH WALES;

being a Pictorial Tour through the most interesting parts of the Country. By Louisa Stuart Costello, author of "The Rose Garden of Persia," etc. Profusely illustrated with Views, from Original Sketches by D. H. McKewan, engraved on wood, and lithographed, by T. and E. Gilks. Square 8vo. with Map, 14s. cloth.

COULTER.—ADVENTURES ON THE WESTERN COAST OF SOUTH AMERICA AND IN THE INTERIOR OF CALIFORNIA. Including a Narrative of Incidents at the Kingmill Islands, New Ireland, New Britain, New Guinea, and other Islands in the Pacific Ocean. With an Account of the Natural Productions, and the Manners and Customs, in Peace and War, of the various Savage Tribes visited. By John Coulter, M.D. author of "Adventures in the Pacific." 2 vols. post 8vo. 16s. cloth.

"Dr. Coulter's volumes possess throughout the interest of a first-rate novel, carrying with them an open truthfulness which tells us at once that we can put our full trust in the author's veracity, however wild and wonderful may be the scenes which he describes, or the incidents which he narrates; his tone, too, is always just what it should be: no pretension to high-flown sentiment, or any other species of hypocrisy, moral, intellectual, or religious; but a honest straightforward denunciation of all that is base and wicked, and a warm admiration and ready sympathy for every noble deed, or kindly feeling."—English Review.

COULTER.—ADVENTURES IN THE PACIFIC;

With Observations on the Natural Productions, Manners and Customs of the Natives of the various Islands; Remarks on the Missionaries, British and other Residents, etc. By John Coulter, M.D. Post 8vo. 7s. 6d. cloth.

CRESY (E.)—AN ENCYCLOPÆDIA OF CIVIL ENGINEERING, HISTORICAL, THEORETICAL, and PRACTICAL. By Edward Cresy, F.S.A. C.E. Illustrated by upwards of Three Thousand Engravings on Wood, explanatory of the Principles, Machinery, and Construction which come under the Direction of the Civil Engineer. One large Volume 8vo. upwards of 1,600 pages, 31s. 12s. 6d. cloth.

CROCKER'S ELEMENTS OF LAND SURVEYING.

Fifth Edition, corrected throughout, and considerably improved and modernised, by T. G. Bunt, Land Surveyor, Bristol. To which are added, TABLES OF SIX-FIGURE LOGARITHMS, etc., superintended by Richard Farley, of the Nautical Almanac Establishment. Post 8vo. 12s. cloth.

D'AGINCOURT.—THE HISTORY OF ART,

By its Monuments, from its Decline in the Fourth Century to its Restoration in the Sixteenth. Translated from the French of Seroux D'Agincourt, by Owen Jones, architect. With 3,335 Subjects, engraved on 328 Plates. Vol. I. Architecture, 78 plates; vol. II. Sculpture, 51 plates; vol. III. Painting, 204 plates. 3 vols. royal folio, 51s. 6s. sewed.

DALE (THE REV. THOMAS).—THE DOMESTIC LITURGY AND FAMILY CHAPLAIN, in Two Parts: the First Part being Church Services adapted for Domestic Use, with Prayers for every Day of the Week, selected exclusively from the Book of Common Prayer. Part II. comprising an appropriate Sermon for every Sunday in the Year. By the Rev. Thomas Dale, M.A. Vicar of St. Pancras. Post 4to. 21s. cloth: or, bound by Hayday, 31s. 6d. calf-lettered; 50s. morocco.

DE JAENISCH AND WALKER.—DE JAENISCH'S CHESS PRECEPTOR: A New Analysis of the Openings of Games. By C. F. De Jaenisch, of St. Petersburg. Translated from the French, with copious Notes, by G. Walker, author of "Chess Studies," and various other Works on the Game of Chess. 8vo. 15s. cloth.

DE LA BECHE.—REPORT ON THE GEOLOGY OF CORNWALL, DEVON, AND WEST SOMERSET. By Henry T. De la Beche, F.R.S. etc., Director of the Ordnance Geological Survey. Published by Order of the Lords Commissioners of H. M. Treasury. 8vo. with Maps, Woodcuts, and 12 large Plates, 14s. cloth.

DE LA GRAVIERE.—SKETCHES OF THE LAST NAVAL WAR.

Translated from the French of Captain E. Jurien de la Gravière, with an Introduction, and Explanatory Notes. By the Hon. Captain Plunkett, R. N., author of "The Past and Future of the British Navy." 2 vols. post 8vo. with Plans, 18s. cloth.

DE STRZELECKI (P. E.)—PHYSICAL DESCRIPTION OF NEW SOUTH WALES AND VAN DIEMAN'S LAND. Accompanied by a Geological Map, Sections, and Diagrams, and Figures of the Organic Remains. By P. E. De Strzelecki. 8vo. with coloured Map and numerous Plates, 24s. cloth.

DIBDIN (THE REV. T. F.)—THE SUNDAY LIBRARY:

Containing nearly One hundred Sermons by eminent Divines. With Notes, etc. by the Rev. T. F. Dibdin, D.D. 6 vols. foolscap 8vo. with 6 Portraits, 30s. cloth; neatly half-bound in morocco, with gilt edges, 21s. 12s. 6d.

DISCIPLINE.

By the Author of "Letters to my Unknown Friends," "Twelve Years Ago," and "Some Passages from Modern History." 18mo. 2s. cloth.

DOUBLEDAY AND HEWITSON'S BUTTERFLIES.—THE GENERA OF DIURNAL LEPIDOPTERA : comprising their Generic Characters—a Notice of the Habits and Transformations—and a Catalogue of the Species of each Genus. By Edward Doubleday, Esq. F.L.S. etc., Assistant in the Zoological Department of the British Museum. Imperial 4to. uniform with Gray and Mitchell's Ornithology; illustrated with 75 coloured Plates, by W. C. Hewitson, Esq. Author of "British Oology."

* Publishing in Monthly Parts, 5s. each; each Part consisting of two coloured Plates, with accompanying Letter-press. To be completed in about 40 Parts, 25 of which are now ready.

DRESDEN GALLERY.—THE MOST CELEBRATED PICTURES OF THE ROYAL GALLERY AT DRESDEN, drawn on Stone, from the Originals, by Franz Hanfstaengl : with Descriptive and Biographical Notices, in French and German. Nos. I. to LII. imperial folio, each containing 3 Plates with accompanying Letter-press, price 20s. to Subscribers; to Non-subscribers, 30s. Single Plates, 12s. each.

* To be completed in 8 more numbers, price 20s. each, to Subscribers; Nos. LI. to LX. containing each 4 Plates and Letterpress.

DRUMMOND.—OBSERVATIONS ON NATURAL SYSTEMS OF BOTANY. By James L. Drummond, M.D. Professor of Anatomy and Physiology in the Royal Belfast Institution; author of "First Steps to Botany," and "Letter to a Young Naturalist." Foolscape 8vo. 2s. cloth.

DUNLOP.—TRAVELS IN CENTRAL AMERICA.

With a Journal of nearly Three Years' Residence in the Country. To which are added, a Sketch of the History of the Republic, and an Account of its Climate, Productions, Commerce, etc. By Robert Glasgow Dunlop, Esq. Post 8vo. with Map, 10s. 6d. cloth.

DUNLOP (JOHN).—THE HISTORY OF FICTION:

Being a Critical Account of the most celebrated Prose Works of Fiction, from the earliest Greek Romances to the Novels of the Present Age. By John Dunlop. New Edition, complete in One Volume. Medium 8vo. 15s. cloth.

EASTLAKE.—MATERIALS FOR A HISTORY OF OIL PAINTING.

By Charles Lock Eastlake, Esq. R.A. F.R.S. F.S.A. Secretary to the Royal Commission for Promoting the Fine Arts in connexion with the rebuilding of the Houses of Parliament, etc. 8vo. 16s. cloth.

* Vol. II. On the Italian Practice of Oil Painting, is preparing for publication.

ECCLESIASTES ; OR, THE PREACHER.

The Words of the Preacher, Son of David, King of Jerusalem, from the Holy Scriptures. Being the Twelve Chapters of the Book of Ecclesiastes, elegantly illuminated, in the Missal Style, by Owen Jones. Imperial 8vo. in a magnificent carved binding, 42s.; or handsomely bound in red morocco, 50s.

ECCLESTON (JAMES).—AN INTRODUCTION TO ENGLISH ANTIQUITIES.

Intended as a Companion to the History of England. By James Eccleston, B.A. Head Master of Sutton Coldfield Grammar School. 8vo. with numerous Engravings on Wood, 21s. cloth.

ELLIOTSON.—HUMAN PHYSIOLOGY:

With which is incorporated much of the Elementary Part of the "Institutiones Physiologicae" of J. F. Blumenbach, Professor in the University of Göttingen. By John Elliotson, M.D. Cantab. F.R.S. Fifth Edition, 8vo. with numerous Woodcuts, 21. 2s. cloth.

THE ENGLISHMAN'S GREEK CONCORDANCE OF THE NEW TESTAMENT; being an attempt at a Verbal Connexion between the Greek and the English Texts; including a Concordance to the Proper Names, with Indexes, Greek-English and English-Greek. 2d Edition, carefully revised, with a new Index, Greek and English. Royal 8vo. 42s.

THE ENGLISHMAN'S HEBREW AND CHALDEE CONCORDANCE OF THE OLD TESTAMENT; being an attempt at a Verbal Connexion between the Original and the English Translations; with Indexes, a List of the Proper Names and their occurrences, etc. etc. 2 vols. royal 8vo. 31. 13s. 6d. cloth; large paper, 41. 14s. 6d.

EPHEMERA.—A HAND-BOOK OF ANGLING;

Teaching Fly Fishing, Trolling, Bottom Fishing, and Salmon Fishing. With the Natural History of River Fish, and the best Modes of Catching them. By Ephemeræ (of Bell's Life in London). New Edition. Foolscape 8vo. with Wood Engravings, 9s. cloth.

ERMAN.—TRAVELS IN SIBERIA:

Including Excursions Northwards, down the Obi, to the Polar Circle, and Southwards, to the Chinese Frontier. By Adolph Erman. Translated by W. D. Cooley, Esq. author of "The History of Maritime and Inland Discovery;" translator and editor of Dr. Parrot's "Journey to Ararat," etc. 2 vols. 8vo. with Map, 31s. 6d. cloth.

ETHERIDGE.—THE APOSTOLICAL ACTS AND EPISTLES,

From the Peshito, or Ancient Syriac. To which are added, the remaining Epistles, and the Book of Revelation, after a later Syrian Text. Translated, with Prolegomena and Indices, by J. W. Etheridge, M.A. Doctor in Philosophy of the University of Heidelberg, and Member of the Asiatic Society of Paris; author of "The Syrian Churches; their early History, Liturgies, and Literature." Royal 12mo. 7s. 6d. cloth.

EVANS.—THE SUGAR PLANTER'S MANUAL;

Being a Treatise on the Art of obtaining Sugar from the Sugar Cane. By W. J. Evans, M.D. 8vo. 9s. cloth.

FAREY.—TREATISE ON THE STEAM-ENGINE,

Historical, Practical, and Descriptive. By John Farey, Engineer. 4to. illustrated by numerous Woodcuts, and 25 Copper-plates, 5l. 6s. in boards.

FERGUSSON.—AN HISTORICAL INQUIRY INTO THE TRUE PRINCIPLES OF BEAUTY IN ART,

more especially with reference to ARCHITECTURE. By James Fergusson, Esq., author of "An Essay on the Ancient Topography of Jerusalem," "Picturesque Illustrations of Ancient Architecture in Hindostan," etc. Vol. I. with five Copperplates, a coloured Lithographic Engraving, and upwards of 100 Woodcuts. Imperial 8vo. 30s. cloth.

FIELD.—PRISON DISCIPLINE;

And the Advantages of the Separate System of Imprisonment: with a detailed Account of the Discipline now pursued in the New County Gaol at Reading. By the Rev. J. Field, M.A. Chaplain. New Edition. 2 vols. 8vo. 20s. cloth.

FLOWERS AND THEIR KINDRED THOUGHTS;

A Series of Stanzas—On Hope, Innocence, Modesty, Childhood, Humility, Joy, Love, Constancy, Fascination, Timidity, Fine Taste, Thoughts, Recollection, and Friendship. By Mary Anne Bacon. Illustrated by the Snowdrop, Primrose, Violet, Harebell and Pimpernel, Lily of the Valley, Hawthorn, Rose, Honeysuckle, Caruation, Convolvulus, Fuchsia, Pansy, Forget-me-not, and Holly; designed and printed in Colours by Owen Jones. Imperial 8vo. 21s. 6d. elegantly bound.

FORSTER (REV. C.)—THE HISTORICAL GEOGRAPHY OF ARABIA;

Or, the Patriarchal Evidences of Revealed Religion. A Memoir, with Illustrative Maps and an Appendix, containing Translations. By the Rev. Charles Forster, B.D., 2 vols. 8vo. 30s. cloth.

FORSTER (REV. C.)—THE LIFE OF JOHN JEBB, D.D. F.R.S.

Late Bishop of Limerick. With a Selection from his Letters. By the Rev. Charles Forster, B.D., Rector of Stisted, Essex. New Edition. 8vo. with Portrait, 16s. cloth.

FOSTER.—THE HAND-BOOK OF EUROPEAN LITERATURE.

By Mrs. Foster. Foolscape 8vo. [Nearly ready.]

FOSS.—THE JUDGES OF ENGLAND:

With Sketches of their Lives, and Miscellaneous Notices connected with the Courts at Westminster from the time of the Conquest. By Edward Foss, F.S.A., of the Inner Temple. Vols. I. and II. 8vo. 28s. cloth.

"Mr. Foss is an original inquirer. By laborious investigation of obscure records, as well as competent general learning and considerable professional experience, he makes good his title to the subject he has chosen. The result is a solid and useful book, if we may judge by the specimen before us. We like his arrangement and method of proceeding with these early reigns. It supplies what was much wanted,—a regular and progressive account of English legal institutions. The result is a correction of many errors, an addition of much new information, and a better general view of our strictly legal history, than any jurist, historian, or biographer had heretofore attempted to give. We shall watch the progress of this work with interest. The completion will worthily connect the name of its author with those of the more valuable contributors to English historical study."—*Examiner.*

FROM OXFORD TO ROME: AND, HOW IT FARED WITH SOME WHO LATELY MADE THE JOURNEY. By a Companion Traveller. New Edition, revised and corrected. Fcp. 8vo. with Frontispiece, 6s. cloth.**GARDINER.—SIGHTS IN ITALY:**

With some Account of the Present State of Music and the Sister Arts in that Country. By William Gardiner, author of "Sacred Melodies," etc.; Member of the Academy of St. Cecilia, Rome; and of the Class of Fine Arts of the Institut Historique of France. 8vo. with engraved Music, 16s. cloth.

GERTRUDE.

A Tale. By the author of "Amy Herbert." Edited by the Rev. William Sewell, B.D., of Exeter College, Oxford. New Edition. 2 vols. foolscap 8vo. 9s. cloth.

GIBBON.—HISTORY OF THE DECLINE AND FALL OF THE ROMAN EMPIRE. A new Edition, in One Volume; with an Account of the Author's Life and Writings, by Alexander Chalmers, Esq. F.A.S. 8vo. with Portrait, 18s. cloth.

* * An Edition in 8 vols. 8vo. 60s. boards.

GOLDSMITH—THE POETICAL WORKS OF OLIVER GOLDSMITH.

Illustrated by Wood Engravings, from Designs by Members of the Etching Club. Edited by Belton Corney, Esq. Square crown 8vo., uniform with "Thomson's Seasons," 2ls. cloth; or 36s. bound in morocco, by Hayday.

GOWER.—THE SCIENTIFIC PHENOMENA OF DOMESTIC LIFE FAMILIARLY EXPLAINED. By Charles Foote Gower. New Edition. Foolscap 8vo. with Engravings on Wood, 5s. cloth.**GRAHAM.—ENGLISH; OR, THE ART OF COMPOSITION**

explained in a Series of Instructions and Examples. By G. F. Graham. New Edition, revised and improved. Foolscap 8vo. 6s. cloth.

GRANT (MRS.)—LETTERS FROM THE MOUNTAINS.

Being the Correspondence with her Friends, between the years 1773 and 1803. By Mrs. Grant, of Laggan. 6th Edition. Edited, with Notes and Additions, by her Son, J. P. Grant, Esq. 2 vols. post 8vo. 2ls. cloth.

GRANT (MRS. OF LAGGAN).—MEMOIR AND CORRESPONDENCE of the late Mrs. Grant, of Laggan, author of "Letters from the Mountains," etc. Edited by her Son, J. P. Grant, Esq. New Edition. 3 vols. post 8vo. Portrait, 17. 11s. 6d. cloth.**GRAY (THOMAS).—GRAY'S ELEGY,**

Written in a Country Churchyard. Illuminated in the Missal style. By Owen Jones, Architect. Imp. 8vo. 3ls. 6d. elegantly bound.

GRAY.—LECTURES ON THE NATURE AND USE OF MONEY.

Delivered before the Members of the "Edinburgh Philosophical Institution," during the Months of February and March, 1849. By John Gray, author of "The Social System, a Treatise on the Principle of Exchange." 8vo. 7s. 6d. cloth.

GRAY AND MITCHELL'S ORNITHOLOGY.—THE GENERA OF BIRDS;

Comprising their Generic Characters, a Notice of the Habits of each Genus, and an extensive List of Species, referred to their several Genera. By George Robert Gray, Acad. Imp. Georg. Florent. Soc. Corresp. Senior Assistant of the Zoological Department, British Museum; and author of the "List of the Genera of Birds," etc. Imperial 4to. Illustrated with 350 Plates, by David William Mitchell, B.A.

* * In course of publication in Monthly Parts, 10s. 6d. each; each Part consisting of Four coloured Plates and Three plain, with Letter-press. The Work will be completed in about 50 Parts, of which 46 have appeared.

Order 1.—Accipitres has been completed, and may be had separately. Imperial 8vo. with 15 coloured and 12 plain Plates, 2l. 8s. boards.

GRIMBLOT (P.).—LETTERS OF WILLIAM III. AND LOUIS XIV. AND OF THEIR MINISTERS. Illustrating the Domestic and Foreign Policy of England from the Peace of Ryswick to the Accession of Philip V. of Spain, (1697 to 1770). Edited by P. Grimblot. 2 vols. 8vo. 30s. cloth.**GWILT.—AN ENCYCLOPÆDIA OF ARCHITECTURE;**

Historical, Theoretical, and Practical. By Joseph Gwilt, Esq., F.S.A. Illustrated with upwards of 1,000 Engravings on Wood, from Designs by J. S. Gwilt. 8vo. 2l. 12s. 6d. cloth.

HALL.—MIDSUMMER EVE;

A Fairy Tale of Love. By Mrs. S. C. Hall. Square crown 8vo. with nearly 300 Wood Engravings, 2ls. cloth, gilt edges.

* * The illustrations from Designs by D. Maclise, C. Stanfield, T. Creswick, E. M. Ward, A. Elmore, W. B. Frost, J. N. Paton, F. Goodall, T. Landseer, E. H. Wehnert, R. Huskisson, F. W. Topham, K. Meadows, F. W. Fairholt, J. Franklin, J. H. Weir, F. W. Hulme, J. Le Curieux, and T. R. Macquoid; engraved by Green, Dalziel, Bastin, Linton, etc.

HALL'S (SIDNEY) GENERAL LARGE LIBRARY ATLAS OF FIFTY-THREE MAPS (size 20 in. by 76 in.), with the Divisions and Boundaries carefully coloured; and an Alphabetical Index of all the Names contained in the Maps, with their Latitude and Longitude. An entirely New Edition, corrected throughout from the best and most recent Authorities; with all the Railways laid down, and many of the Maps re-drawn and re-engraved.

* * * Publishing in Monthly Parts, of which 14 have appeared. To be completed in 16 Parts, price 6s. each.

HARRISON.—ON THE RISE, PROGRESS, AND PRESENT STRUCTURE OF THE ENGLISH LANGUAGE. By the Rev. M. Harrison, M.A., late Fellow of Queen's College, Oxford. Post 8vo. 8s. 6d. cloth.

HAWBUCK CRANGE;

Or, the Sporting Adventures of Thomas Scott, Esq. By the Author of "Handley Cross; or the Spa Hunt," "Jorrocks' Jaunts and Jollities," etc. 8vo. with eight illustrations, by Phiz, 12s. cloth.

HAWKER.—INSTRUCTIONS TO YOUNG SPORTSMEN

In all that relates to Guns and Shooting. By Lieut. Col. P. Hawker. 9th edition, corrected, enlarged, and improved, with Eighty-five Plates and Woodcuts, by Adlard and Brauston, from Drawings by G. Varley, Dicks, etc. 8vo. 21s. cloth.

HAYDON (B. R.)—LECTURES ON PAINTING AND DESIGN,

Delivered at the London Institution, the Royal Institution, Albemarle Street, to the University of Oxford, etc. By B. R. Haydon, Historical Painter. 2 vols. 8vo. with Portraits of the Author and Sir David Wilkie, and numerous other Illustrations, 24s. cloth.

HINTS ON ETIQUETTE AND THE USAGES OF SOCIETY:

With a Glance at Bad Habits. By *Αγωγός*. "Manners make the Man." New Edition, revised (with additions) by a Lady of Rank. Foolscape 8vo. 2s. 6d. cloth.

HISTORICAL PICTURES OF THE MIDDLE AGES,

In Black and White. Made on the spot, from Records in the Archives of Switzerland. By a Wandering Artist. 2 vols. post 8vo. 18s. cloth.

HOARE.—A DESCRIPTIVE ACCOUNT OF A NEW METHOD OF PLANTING AND MANAGING THE ROOTS OF GRAPE VINES. By Clement Hoare, author of "A Treatise on the Cultivation of the Grape Vine on Open Walls." 12mo. 5s. cl.

HOARE.—A PRACTICAL TREATISE ON THE CULTIVATION OF THE GRAPE VINE ON OPEN WALLS. By Clement Hoare. New Edition. 8vo. 7s. 6d. cloth.

HOLLAND.—MEDICAL NOTES AND REFLECTIONS.

By Henry Holland, M.D. F.R.S. etc. Fellow of the Royal College of Physicians, Physician Extraordinary to the Queen, and Physician in Ordinary to His Royal Highness Prince Albert. New Edition. 8vo. 18s. cloth.

HOOK (DR. W. F.)—THE LAST DAYS OF OUR LORD'S MINISTRY;

A Course of Lectures on the principal Events of Passion Week. By Walter Farquhar Hook, D.D., Vicar of Leeds, Prebendary of Lincoln, and Chaplain in Ordinary to the Queen. New Edition. Foolscape 8vo. 6s. cloth.

HOOKER.—KEW GARDENS;

Or a Popular Guide to the Royal Botanic Gardens of Kew. By Sir William Jackson Hooker, K.H. D.C.L. F.R.A. & L.S. etc. etc. Director. New Edition. 16mo. with numerous Wood Engravings, 6d. sewed.

HOOKER.—THE BRITISH FLORA.

Comprising the Phænogamous or Flowering Plants, and the Ferns. By Sir William Jackson Hooker, K.H. LL.D. F.R.A. and L.S. etc. etc. etc. New Edition, with Additions and Corrections; and 173 Figures, Illustrative of the Umbelliferous Plants, the Composite Plants, the Grasses, and the Ferns. Vol. I. 8vo., with 12 Plates, 14s. plain; with the Plates coloured, 24s. cloth.

Vol. II. in Two Parts, comprising the Cryptogamia and the Fungi, completing the British Flora, and forming Vol. V., Parts 1 and 2, of Smith's English Flora, 24s. boards.

HORNE (THE REV. T. H.)—AN INTRODUCTION TO THE CRITICAL

STUDY AND KNOWLEDGE OF THE HOLY SCRIPTURES. By the Rev. Thomas Hartwell Horne, B.D. of St. John's College, Cambridge. New Edition, revised and corrected. 5 vols. 8vo. with Maps and Fac-similes, 3/- 3s. cloth; or 5/- bound in calf by Hayday.

HORNE (THE REV. T. H.)—A COMPENDIOUS INTRODUCTION TO THE STUDY OF THE BIBLE. By the Rev. Thomas Hartwell Horne, B.D. of St. John's College, Cambridge. Being an Analysis of his "Introduction to the Critical Study and Knowledge of the Holy Scriptures." New Edition. 12mo. with Maps and Engravings, 9s. boards.

HOWITT.—THE CHILDREN'S YEAR.

By Mary Howitt. With Four Illustrations, engraved by John Absolon, from Original Designs by Anna Mary Howitt. Square 16mo. 6s. cloth.

HOWITT.—THE BOY'S COUNTRY BOOK:

Being the real Life of a Country Boy, written by Himself; exhibiting all the Amusements, Pleasures, and Pursuits of Children in the Country. Edited by William Howitt, author of "The Rural Life of England," etc. New Edition. Fcap. 8vo. with 40 Woodcuts, 6s. cloth.

HOWITT.—VISITS TO REMARKABLE PLACES;

Old Halls, Battle-Fields, and Scenes illustrative of Striking Passages in English History and Poetry. By William Howitt. New Edition. Medium 8vo. with 40 Illustrations, 21s. cloth.

SECOND SERIES, chiefly in the Counties of DURHAM and NORTHUMBERLAND, with a Stroll along the BORDER. Medium 8vo. with upwards of 40 highly-finished Woodcuts, from Drawings made on the spot, 21s. cloth.

HOWITT.—THE RURAL LIFE OF ENGLAND.

By William Howitt. New Edition, corrected and revised. Medium 8vo. with Engravings on Wood by Bewick and Williams, uniform with "Visits to Remarkable Places," 21s. cloth.

HOWITT.—THE RURAL AND DOMESTIC LIFE OF GERMANY:

With Characteristic Sketches of its chief Cities and Scenery. Collected in a General Tour, and during a Residence in that Country in the Years 1840-42. By William Howitt, author of "The Rural Life of England," etc. Medium 8vo., with above 60 Illustrations, 21s. cloth.

HOWITT.—THE STUDENT-LIFE OF GERMANY.

From the Unpublished MS. of Dr. Cornelius. By William Howitt. 8vo. with 24 Wood-Engravings, and 7 Steel Plates, 21s. cloth.

HOWITT.—COLONISATION AND CHRISTIANITY:

A Popular History of the Treatment of the Natives, in all their Colonies, by the Europeans. By William Howitt. Post 8vo. 10s. 6d. cloth.

HOWSON AND CONYBEARE.—THE LIFE AND EPISTLES OF ST. PAUL. By the Rev. J. S. Howson, M.A., and the Rev. W. J. Conybeare, M.A. 2 vols. 4to. richly illustrated. [See p. 8.

HUDSON.—PLAIN DIRECTIONS FOR MAKING WILLS

In conformity with the Law, and particularly with reference to the Act 7 Wm. IV. and 1 Vict. c. 26. To which is added, a clear Exposition of the Law relating to the Distribution of Personal Estate in the case of Intestacy, with two Forms of Wills, and much useful Information, etc. By J. C. Hudson, Esq. New Edition, corrected. Fcap. 8vo. 2s. 6d. cloth.

HUDSON.—THE EXECUTOR'S GUIDE.

By J. C. Hudson, Esq., of the Legacy Duty Office, London: author of "Plain Directions for Making Wills," and "The Parent's Hand-Book." New Edition. Foolscape 8vo. 5s. cloth.

* * * The above two works may be had in One volume, price 7s. cloth.

HUMBOLDT (BARON).—COSMOS:

A Sketch of a Physical Description of the Universe. Translated, with the Author's sanction and co-operation, under the superintendence of Lieutenant-Colonel Edward Sabine, F.R.S. For. Sec. R.S. New Edition. Vols. I. and II. post 8vo. 12s. each, cloth.

* * * Also, an edition uniform with Mr. Murray's "Home and Colonial Library." Vols. I. and II. 16mo. price 2s. 6d. each, sewed.

"Je vous autorise, Monsieur, de vous servir en toute occasion de la déclaration, que la belle traduction du Colonel Sabine, enrichie de rectifications et de notes très-précieuses, et qui ont toute mon approbation, est la seule par laquelle j'ai nivèlement désiré voir introduit mon ouvrage dans la littérature de votre pays."—Baron Humboldt to Mr. Murray.

HUMPHREYS.—A RECORD OF THE BLACK PRINCE;

Being a Selection of such Passages in his Life as have been most quaintly and strikingly narrated by the Chroniclers of the Period. Embellished with highly-wrought Miniatures and Borderings, selected from various Illuminated MSS. referring to Events connected with English History. By Henry Noel Humphreys. Post 8vo. in a richly carved and deeply pierced binding, 21s.

HUNT.—RESEARCHES ON LIGHT:

An Examination of all the Phenomena connected with the Chemical and Molecular Changes produced by the Influence of the Solar Rays; embracing all the known Photographic Processes, and new Discoveries in the Art. By Robert Hunt, Keeper of Mining Records, Museum of Economic Geology. 8vo. with Plate and Woodcuts, 10s. 6d. cloth.

JAMES.—A HISTORY OF THE LIFE OF EDWARD THE BLACK PRINCE,
and of various Events connected therewith, which occurred during the Reign of Edward III. King of England. By G. P. R. James, Esq. New Edition. 2 vols. foolscap 8vo. with Map, 16s.**JAMESON.—SACRED AND LEGENDARY ART.**

By Mrs. Jameson. With 16 Etchings by the Author, and numerous Wood Engravings. 2 vols. square crown 8vo. 42s. cloth.

Vol. I. contains Legends of the Angels and Archangels, the Evangelists, the Apostles, the Doctors of the Church, and Mary Magdalene.

Vol. II. contains Legends of the Patron Saints, the Virgin Patronesses, the Greek and Latin Martyrs, the Bishops and Confessors, the Hermits, and the Warrior Saints of Christendom.

JEBB (BISHOP) AND KNOX (ALEXANDER).—THIRTY YEARS' CORRESPONDENCE between John Jebb, D.D. F.R.S., Bishop of Limerick, Ardfer, Aghadoe, and Alexander Knox, Esq. M.R.I.A. Edited by the Rev. Charles Forster, B.D. Rector of Stisted, formerly Domestic Chaplain to Bishop Jebb. New Edition. 2 vols. 8vo. 28s. cloth.**JEBB.—A LITERAL TRANSLATION OF THE BOOK OF PSALMS;**

Intended to illustrate their Poetical and Moral Structure. To which are added, Dissertations on the word "Selah," and on the Authorship, Order, Titles, and Poetical Features of the Psalms. By the Rev. John Jebb, A.M., Rector of Peterstow. 2 vols. 8vo. 21s. cloth.

JEFFREY (LORD).—CONTRIBUTIONS TO THE EDINBURGH REVIEW.

By Francis Jeffrey, now one of the Judges in the Court of Session in Scotland. New Edit. 3 vols. 8vo. 42s. cloth.

JOHNSON.—THE WISDOM OF THE RAMBLER, ADVENTURER, AND IDLER. Consisting of 110 of the best Essays. By Samuel Johnson, LL.D. Foolscap 8vo. 7s. cloth.**JOHNSON.—THE FARMER'S ENCYCLOPÆDIA,**

And DICTIONARY OF RURAL AFFAIRS: embracing all the recent Discoveries in Agricultural Chemistry; adapted to the comprehension of unscientific Readers. By Cuthbert W. Johnson, Esq., F.R.S. Barrister-at-Law, Editor of the "Farmers' Almanack," etc. 8vo. with Wood Engravings, 21s. 10s. cloth.

JONES'S GUIDE TO NORWAY, AND SALMON-FISHER'S POCKET COMPANION; founded on Experience collected in the Country. Edited by Frederic Tolsfry, Esq., author of "The Sportsman in France," and "The Sportsman in Canada." Foolscap 8vo. with Frontispiece and Vignette Title, and Engravings of the proper Flies, beautifully coloured, in exact imitation of the originals, 15s. cloth.**KEMBLE.—THE SAXONS IN ENGLAND:**

A History of the English Commonwealth till the period of the Norman Conquest. By John Mitchell Kemble, M.A. F.C.P.S., etc. 2 vols. 8vo. 28s. cloth.

"The work throughout conveys a clearer idea of the life and character of the Saxons in England than anything we have met with elsewhere.: This account of The Saxons in England will indicate its historical and archaeological value; but these are not its only uses. The lawyer will find in its pages the germs of our common law, especially relating to land; and the ethnologist or political philosopher will meet with much assistance in his inquiries into the early social condition of mankind."—Spectator.

KINDERSLEY.—THE VERY JOYOUS, PLEASANT, AND REFRESHING HISTORY of the Feats, Exploits, Triumphs, and Achievements of the Good Knight, without Fear and without Reproach, the gentle Lord De Bayard. Set forth in English by Edward Cockburn Kindersley, Esq. Square post 8vo. with Ornamental Headings, and Frontispiece by E. H. Wehnert, 9s. 6d. cloth.**KIP.—THE CHRISTMAS HOLYDAYS IN ROME.**

By the Rev. W. Ingraham Kip, M.A. Edited by the Rev. W. Sewell, B.D. Fellow and Tutor of Exeter College, Oxford. New Edition. Foolscap 8vo. 5s. cloth.

KIRBY AND SPENCE.—AN INTRODUCTION TO ENTOMOLOGY;

Or, Elements of the Natural History of Insects: comprising an account of noxious and useful Insects, of their Metamorphoses, Food, Stratagems, Habitations, Societies, Motions, Noises, Hibernation, Instinct, etc. By W. Kirby, M.A. F.R.S. & L.S. Rector of Barham; and W. Spence, Esq., F.R.S. & L.S. New Edition, enlarged. 2 vols. 8vo. 31s. 6d. cloth.

KNOX (ALEXANDER). — REMAINS OF ALEXANDER KNOX, ESQ.
Of Dublin, M.R.I.A.; containing Essays, chiefly explanatory, of Christian Doctrine; and Confidential Letters, with Private Papers, illustrative of the Writer's Character, Sentiments, and Life. New Edition. 4 vols. 8vo. 21s. cloth.

LAING.—THE CHRONICLE OF THE KINGS OF NORWAY,

From the Earliest Period of the History of the Northern Sea Kings to the Middle of the Twelfth Century: commonly called the *Heimskringla*. Translated from the Icelandic of Snorre Sturleson, with Notes, and a Preliminary Discourse, by Samuel Laing, Esq. 3 vols. 8vo. 36s. cloth.

LAING.—A TOUR IN SWEDEN

In 1838; comprising Observations on the Moral, Political, and Economical State of the Swedish Nation. By Samuel Laing, Esq. 8vo. 12s. cloth.

LANDOR.—THE FOUNTAIN OF ARETHUSA.

By Robert Eyres Landor, M.A., author of "The Fawn of Sertorius," "The Impious Feast," Tragedies, etc. 2 vols. post 8vo. 18s. cloth.

"The peculiar source of interest in The Fountain of Arethusa is the exhibition of modern society from the mere philosophical or rational point of view; but there is a good deal more in the work, which for some readers will possess a greater attraction. The introductory part contains some nice delineation of character and pleasant description in England and Germany, marked with a quiet humour. The journey to the Elysian fields is full of strange, fantastic incidents and scenes, powerful though somewhat theatrical. There are learned, fanciful, and gorgeous descriptions of new Rome and its region: but the second source of peculiar interest is the graphic revival of ancient stories, or the sketches of ancient great men, which will remind the reader of the author's previous work—The Fawn of Sertorius."

Spectator.

L. E. L.—THE POETICAL WORKS OF LETITIA ELIZABETH LANDON.

New Edition. 4 vols. foolscap 8vo. with illustrations by Howard, etc. 28s. cloth; or bound in morocco, with gilt edges, 21. 4s.

The following Works separately:—

The IMPROVISATRICE - - - 10s. 6d. | The GOLDEN VIOLET - - - 10s. 6d.
The VENETIAN BRACELET - 10s. 6d. | The TROUBADOUR - - - 10s. 6d.

LANETON PARSONAGE :

A Tale for Children, on the practical use of a portion of the Church Catechism. By the author of "Amy Herbert," and "Gertrude." Edited by the Rev. W. Sewell, B.D. New Edition. Parts I. and II. 8vo. 6s. each; and Part III. 6s. cloth.

LATHAM.—ON DISEASES OF THE HEART.

Lectures on Subjects connected with Clinical Medicine; comprising Diseases of the Heart. By P. M. Latham, M.D. Physician Extraordinary to the Queen; and late Physician to St. Bartholomew's Hospital. New Edition. 2 vols. 12mo. 16s. cloth.

LEE.—TAXIDERMY;

Or, the Art of Collecting, Preparing, and Mounting Objects of Natural History. For the use of Museums and Travellers. By Mrs. R. Lee. New Edition, improved; with an account of a Visit to Walton Hall, and Mr. Waterton's Method of Preserving Animals. Fcap. 8vo. with Woodcuts, 7s.

LEE.—ELEMENTS OF NATURAL HISTORY,

For the Use of Schools and Young Persons: comprising the Principles of Classification, interspersed with amusing and instructive Accounts of the most remarkable Animals. By Mrs. R. Lee. 12mo. with 6s. Woodcuts, 7s. 6d. bound.

LESLIE (C.R.)—MEMOIRS OF THE LIFE OF JOHN CONSTABLE, ESQ.

R.A. Composed chiefly of his Letters. By C.R. Leslie, R.A. Second Edition, with further Extracts from his Correspondence. Small 4to. with two Portraits (one from a new Sketch, by Mr. Leslie,) and a plate of "Spring," engraved by Lucas, 2ls. cloth.

LETTERS TO MY UNKNOWN FRIENDS.

By a Lady. New Edition. Foolscap 8vo. 6s. 6d. cloth.

LINDLEY.—AN INTRODUCTION TO BOTANY.

By Prof. J. Lindley, Ph.D. F.R.S. L.S. etc. New Edition, with Corrections and numerous Additions. 2 vols. 8vo. with Six Plates and numerous Woodcuts, 24s. cloth.

LINDLEY.—A SYNOPSIS OF THE BRITISH FLORA,

Arranged according to the Natural Orders. By Professor John Lindley, Ph. D., F.R.S., etc. New Edition, with numerous Additions and Improvements. 12mo. 10s. 6d. cloth.

LARDNER'S CABINET CYCLOPÆDIA;

Being a Series of Original Works on History, Biography, Natural Philosophy, Natural History, Literature, the Sciences, Arts, and Manufactures. By Bishop Thirlwall, Sir James Mackintosh, Sir John Herschel, Sir Walter Scott, Thomas Moore, Robert Southey, and other Eminent Writers. Conducted and edited by Dr. Lardner.

The Series complete in One Hundred and Thirty-three Volumes, 39*s.* 18*s.* The Works separately, 6*s.* per volume.

The Series comprises:—

1. Bell's History of Russia . . . 3 vols. 18*s.*
2. Bell's Lives of British Poets . . . 2 vols. 12*s.*
3. Brewster's Treatise on Optics . . . 1 vol. 6*s.*
4. Cooley's History of Maritime and Inland Discovery . . . 3 vols. 18*s.*
5. Crowe's History of France . . . 3 vols. 18*s.*
6. De Morgan's Treatise on Probabilities . . . 1 vol. 6*s.*
7. De Sismondi's History of the Italian Republics . . . 1 vol. 6*s.*
8. De Sismondi's Fall of the Roman Empire . . . 2 vols. 12*s.*
9. Donovan's Treatise on Chemistry . . . 1 vol. 6*s.*
10. Donovan's Domestic Economy, 2 vols. 12*s.*
11. Dunham's History of Spain and Portugal . . . 5 vols. 30*s.*
12. Dunham's History of Denmark, Sweden, and Norway . . . 3 vols. 18*s.*
13. Dunham's History of Poland . . . 1 vol. 6*s.*
14. Dunham's History of the Germanic Empire . . . 3 vols. 18*s.*
15. Dunham's History of Europe during the Middle Ages . . . 4 vols. 24*s.*
16. Dunham's Lives of British Dramatists . . . 2 vols. 12*s.*
17. Dunham's Lives of Early Writers of Great Britain . . . 1 vol. 6*s.*
18. Fergus's History of the United States . . . 2 vols. 12*s.*
19. Fosbroke's Grecian and Roman Antiquities . . . 2 vols. 12*s.*
20. Forster's Lives of the Statesmen of the Commonwealth . . . 5 vols. 30*s.*
21. Forster, Mackintosh, and Courtenay's Lives of British Statesmen . . . 7 vols. 42*s.*
22. Gleg's Lives of Military Commanders . . . 3 vols. 18*s.*
23. Grattan's History of the Netherlands . . . 1 vol. 6*s.*
24. Henslow's Treatise on Botany . . . 1 vol. 6*s.*
25. Herschel's Treatise on Astronomy . . . 1 vol. 6*s.*
26. Herschel's Preliminary Discourse on the Study of Natural Philosophy . . . 1 vol. 6*s.*
27. History of Rome . . . 2 vols. 12*s.*
28. History of Switzerland . . . 1 vol. 6*s.*
29. Holland's Treatise on the Manufactures in Metal . . . 3 vols. 18*s.*
30. James's Lives of Foreign Statesmen . . . 5 vols. 30*s.*
31. Kater and Lardner's Treatise on Mechanics . . . 1 vol. 6*s.*
32. Keightley's Outlines of History 1 vol. 6*s.*
33. Lardner's Treatise on Arithmetic 1 vol. 6*s.*
34. Lardner's Treatise on Geometry . . . 1 vol. 6*s.*
35. Lardner's Treatise on Heat . . . 1 vol. 6*s.*
36. Lardner's Treatise on Hydrostatics and Pneumatics . . . 1 vol. 6*s.*
37. Lardner and Walker's Electricity and Magnetism . . . 2 vols. 12*s.*
38. Mackintosh, Wallace, and Bell's History of England, 10 vols. 60*s.*
39. Montgomery and Shelley's Lives of Italian, Spanish, and Portuguese Authors . . . 3 vols. 18*s.*
40. Moore's History of Ireland . . . 4 vols. 24*s.*
41. Nicola's Chronology of History 1 vol. 6*s.*
42. Phillips's Treat. on Geology 2 vols. 12*s.*
43. Powell's History of Natural Philosophy 1 vol. 6*s.*
44. Porter's Treatise on the Manufacture of Silk . . . 1 vol. 6*s.*
45. Porter's Treatise on the Manufacture of Porcelain and Glass 1 vol. 6*s.*
46. Roscoe's Lives of British Lawyers 1 vol. 6*s.*
47. Scott's History of Scotland . . . 2 vols. 12*s.*
48. Shelley's Lives of French Authors 2 vols. 12*s.*
49. Shuckard and Swainson's Treatise on Insects 1 vol. 6*s.*
50. Southey's Lives of British Admirals 5 vols. 30*s.*
51. Stebbing's History of the Church 2 vols. 12*s.*
52. Stebbing's History of the Reformation 2 vols. 12*s.*
53. Swainson's Preliminary Discourse on Natural History, 1 vol. 6*s.*
54. Swainson's Natural History and Classification of Animals 1 vol. 6*s.*
55. Swainson's Habits and Instincts of Animals 1 vol. 6*s.*
56. Swainson's Quadrupeds 1 vol. 6*s.*
57. Swainson's Birds 2 vols. 12*s.*
58. Swainson's Fish, Reptiles, etc. 2 vols. 12*s.*
59. Swainson's Shells and Shellfish 1 vol. 6*s.*
60. Swainson's Animals in Menageries 1 vol. 6*s.*
61. Swainson's Taxidermy and Bibliography 1 vol. 6*s.*
62. Thirlwall's History of Greece 8 vols. 48*s.*

LINDLEY.—THE THEORY OF HORTICULTURE;
Or, an Attempt to Explain the Principal Operations of Gardening upon Physiological Principles. By John Lindley, Ph.D. F.R.S. 8vo. with Illustrations on Wood, 12s. cloth.

LINDLEY.—GUIDE TO THE ORCHARD AND KITCHEN GARDEN;
Or, an Account of the most valuable Fruits and Vegetables cultivated in Great Britain: with Kalendars of the Work required in the Orchard and Kitchen Garden during every Month in the Year. By George Lindley, C.M.H.S. Edited by Professor Lindley. 8vo. 16s. boards.

LINDO.—HISTORY OF THE JEWS OF SPAIN AND PORTUGAL,
From the Earliest Times to their Final Expulsion from those Kingdoms, and their subsequent Dispersion: with complete Translations of all the Laws made respecting them during their long Establishment in the Iberian Peninsula. By E. H. Lindo, author of the "Jewish Calendar." With Views of the Ancient Synagogues of Toledo, and Fac-similes of Inscriptions. 8vo. 12s. cloth.

LINWOOD (W.)—ANTHOLOGIA OXONIENSIS;
Sive, Florilegium & Iusbas poetica diversorum Oxoniensium Graecis et Latinis decerpsum. Curante Gulielmo Linwood, M.A. Edis Christi Alummo. 8vo. 14s. cloth.

LOUDON (MRS.)—THE AMATEUR GARDENER'S CALENDAR;
Being a Monthly Guide, as to what should be avoided as well as what should be done in a Garden in each Month: with plain Rules how to do what is requisite; Directions for laying out and planting Kitchen and Flower Gardens, Pleasure Grounds, and Shrubberies: and a short account, in each Month, of the Quadrupeds, Birds, and Insects, then most injurious to Gardens. By Mrs. Loudon. 16mo. with numerous Wood Engravings, 7s. 6d. cloth.

LOUDON (MRS.)—THE LADY'S COUNTRY COMPANION;
Or, How to Enjoy a Country Life Rationally. By Mrs. Loudon, author of "Gardening for Ladies," etc. New Edition. Foolscap 8vo., with Plates and Woodcuts, 7s. 6d. cloth.

LOUDON (J. C.)—SELF-INSTRUCTION FOR YOUNG GARDENERS,
Foresters, Bailiffs, Land Stewards, and Farmers; in Arithmetic, Book-keeping, Geometry, Mensuration, Practical Trigonometry, Mechanics, Land-Surveying, Levelling, Planning and Mapping, Architectural Drawing, and Isometrical Projection and Perspective; with Examples shewing their applications to Horticultural and Agricultural Purposes. By the late J. C. Loudon, F.L.S. H.S. etc. With a Portrait of Mr. Loudon, and a Memoir by Mrs. Loudon. 8vo. with Wood Engravings, 7s. 6d. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF TREES AND SHRUBS;
Being the "Arboretum et Fruticetum Britannicum" abridged: containing the Hardy Trees and Shrubs of Great Britain, Native and Foreign, scientifically and popularly described, with their Propagation, Culture, and Uses in the Arts. By J. C. Loudon, F.L.S. etc. 8vo. with upwards of 2,000 Engravings on Wood, 21. 10s. cloth.

A New Edition of the Original Work, in 8 vols. 8vo, with above 400 octavo Plates of Trees and upwards of 2,500 Woodcuts, 107. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF GARDENING;
Presenting in one systematic view, the History and Present State of Gardening in all Countries, and its Theory and Practice in Great Britain: with the Management of the Kitchen Garden, the Flower Garden, Laying-out Grounds, etc. By J. C. Loudon, F.L.S. etc. A New Edition. 8vo. with nearly 1,000 Engravings on Wood, 21. 10s. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF AGRICULTURE;
Comprising the Theory and Practice of the Valuation, Transfer, Laying-out, Improvement and Management of Landed Property, and of the cultivation and economy of the Animal and Vegetable Productions of Agriculture, including all the latest improvements. By J. C. Loudon, F.L.G.Z. and H.S. etc. Fifth Edition. 8vo. with upwards of 1,100 Engravings on Wood, by Branston, 21. 10s. cloth.—The Supplement, *separately*, 5s. sewed.

LOUDON.—AN ENCYCLOPÆDIA OF PLANTS;
Including all the Plants which are now found in, or have been introduced into, Great Britain, giving their Natural History, accompanied by such Descriptions, Engraved Figures, and Elementary Details, as may enable a beginner, who is a mere English reader, to discover the name of every Plant which he may find in flower, and acquire all the information respecting it which is useful and interesting. By J. C. Loudon, F.L.S., etc. The Specific Characters by an Eminent Botanist; the Drawings by J. D. C. Sowerby, F.L.S. A new Edition, with a new Supplement and a new Index. 8vo. with nearly 10,000 Wood Engravings, 73s. 6d. cloth.

LOUDON.—AN ENCYCLOPÆDIA OF COTTAGE, FARM, AND VILLA ARCHITECTURE and FURNITURE. Containing Designs for Cottages, Villas, Farm Houses, Farmers, Country Inns, Public Houses, Parochial Schools, etc.; with the requisite Fittings-up, Fixtures, and Furniture, and appropriate Offices, Gardens, and Garden Scenery; each Design accompanied by Analytical and Critical Remarks. By J. C. Loudon, F.L.S. etc. New Edition, Edited by Mrs. Loudon. 8vo. with more than 3,000 Engravings on Wood, 63s. cloth.—The Supplement, *separately*, 8vo. 7s. 6d. sewed.

LOUDON.—HORTUS BRITANNICUS:

A Catalogue of all the Plants indigenous to or introduced into Britain. New Edition, with a Supplement, prepared, under the direction of J. C. Loudon, by W. H. Baxter, and revised by George Don, F.L.S. 8vo. 31s. 6d. cloth.

LOUDON.—THE SUBURBAN GARDENER AND VILLA COMPANION:

Comprising the Choice of a Villa or Suburban Residence, or of a Situation on which to form one; the Arrangement and Furnishing of the House; and the Laying-out, Planting, and general Management of the Garden and Grounds; the whole adapted for Grounds from one perch to fifty acres and upwards in extent; intended for the instruction of those who know little of Gardening or Rural Affairs, and more particularly for the use of Ladies. By J. C. Loudon, F.L.S., etc. 8vo. with above 300 Wood Engravings, 20s. cloth.

LOUDON.—HORTUS LIGNOSUS LONDINENSIS:

Or, a Catalogue of all the Lignous Plants cultivated in the neighbourhood of London. To which are added their usual Prices in Nurseries. By J. C. Loudon, F.L.S. etc. 8vo. 7s. 6d.

LOW.—ON LANDED PROPERTY, AND THE ECONOMY OF ESTATES:

Comprehending the Relations between Landlord and Tenant, and the Principles and Forms of Leases; of Farm Buildings, Enclosures, Drains, Embankments, Roads, and other Rural Works, Minerals, and Woods. By David Low, Esq. F.R.S.E. etc., author of "Elements of Practical Agriculture," etc. 8vo. with numerous Wood Engravings, 21s. cloth.

LOW.—AN INQUIRY INTO THE NATURE OF THE SIMPLE BODIES OF CHEMISTRY.

By D. Low, F.R.S.E. Professor of Agriculture in the University of Edinburgh; author of "Elements of Practical Agriculture," "A Treatise on Landed Property and the Economy of Estates," "A Treatise on the Breeds of the British Domesticated Animals," "The Breeds of the Domesticated Animals of Great Britain Illustrated and Described," 2d Edition, enlarged and improved. 8vo. 9s. cloth.

LOW.—ON THE DOMESTICATED ANIMALS OF GREAT BRITAIN.

Comprehending the Natural and Economical History of the Species and Breeds; Illustrations of the Properties of External Form; and Observations on the Principles and Practice of Breeding. By David Low, Esq., F.R.S.E., Professor of Agriculture in the University of Edinburgh, etc., author of "Elements of Practical Agriculture," etc. 8vo. with Engravings on Wood, 25s. cloth.

LOW.—THE BREEDS OF THE DOMESTICATED ANIMALS OF GREAT BRITAIN

described. By David Low, Esq. F.R.S.E., Professor of Agriculture in the University of Edinburgh, etc. The Plates from drawings by W. Nicholson, R.S.A., reduced from a Series of Oil Paintings, executed for the Agricultural Museum of the University of Edinburgh, by W. Shiel, R.S.A. 2 vols. atlas quarto, with 56 Plates of Animals, beautifully coloured after Nature, 16s. 6d. half-bound in morocco.

Or in four separate portions, as follow:—

The OX. 1 Vol. With 22 Plates, price 6s. 16s. 6d. half-bound morocco. **The HORSE.** 1 Vol. With 8 Plates, price 3s. half-bound morocco.

The SHEEP. 1 Vol. With 21 Plates, price 6s. 16s. 6d. half-bound morocco. **The HOG.** 1 Vol. With 5 Plates, price 2s. 2s. half bound morocco.

LOW.—ELEMENTS OF PRACTICAL AGRICULTURE;

Comprehending the Cultivation of Plants, the Husbandry of the Domestic Animals, and the Economy of the Farm. By David Low, Esq. F.R.S.E., Professor of Agriculture in the University of Edinburgh. New Edition. 8vo. with an entirely new set of above 200 Wood-cuts, 21s. cloth.

MACAULAY.—THE HISTORY OF ENGLAND,

From the Accession of James II. By Thomas Babington Macaulay. New Edition. Vols. I. and II. 8vo. 32s. cloth.

MACAULAY.—CRITICAL AND HISTORICAL ESSAYS CONTRIBUTED TO THE EDINBURGH REVIEW.

By the Right Hon. Thomas Babington Macaulay, M.P. New Edition. 3 vols. 8vo. 36s. cloth.

MACAULAY.—LAYS OF ANCIENT ROME.

With "Ivy" and "The Armada." By the Right Honorable Thomas Babington Macaulay, M.P. New Edition. 16mo. 4s. 6d. cloth; morocco, 10s. 6d. (bound by Hayday).

MACAULAY.—MR. MACAULAY'S LAYS OF ANCIENT ROME.

With numerous Illustrations, Original and from the Antique, drawn on Wood by George Scharf, jun.; and engraved by Samuel Williams. New Edition. Fcp. 4to. 21s. boards; morocco, 42s. (bound by Hayday).

MACKAY (CHARLES).—THE SCENERY AND POETRY OF THE ENGLISH LAKES: a Summer Ramble. By Charles Mackay, Esq. LL.D. author of "Legends of the Isles," "The Salamandrine," "The Thames and its Tributaries," etc. 8vo. with beautiful Wood Engravings from Original Sketches, 14s. cloth.

MACKINTOSH (SIR JAMES).—THE LIFE OF SIR THOMAS MORE. By the Right Hon. Sir James Mackintosh. Reprinted from the Cabinet Cyclopaedia. Folio 8vo. with Portrait, &c. cloth; or bound in vellum, 8s.

MACKINTOSH'S (SIR JAMES) MISCELLANEOUS WORKS;

Including *Contributions to The EDINBURGH REVIEW*. Edited by Robert James Mackintosh, Esq. 3 vols. 8vo. 42s. cloth.

M'CULLOCH.—A DICTIONARY, GEOGRAPHICAL, STATISTICAL, AND HISTORICAL, of the various Countries, Places, and Principal Natural Objects in the World. By J. R. M'Culloch, Esq. A new Edition. 2 vols. 8vo. with Six large Maps, 4l. cloth.

"* The new Articles are printed separately as a Supplement to the former Edition. They comprise a full account of the present state of the United Kingdom, the Oregon Territory, etc. 8vo. 6s. sewed.

M'CULLOCH.—A DICTIONARY, PRACTICAL, THEORETICAL, AND HISTORICAL, OF COMMERCE, AND COMMERCIAL NAVIGATION. By J. R. M'Culloch, Esq. A New Edition, corrected, enlarged, and improved. 8vo. with Maps and Plans, 50s. cloth; or 55s. strongly half-bound in Russia.

A SUPPLEMENT to the Editions published in 1844 and 1846 may be had separately, price 4s. 6d. sewed.

M'CULLOCH.—A TREATISE ON THE SUCCESSION TO PROPERTY VACANT BY DEATH: including Inquiries into the influence of Primogeniture, Entails, the Law of Compulsory Partition, Foundations, etc. over the Public Interests. By J. R. M'Culloch, Esq. 8vo. 8s. 6d. cloth.

M'CULLOCH (J. R.).—AN ACCOUNT, DESCRIPTIVE, AND STATISTICAL, of the BRITISH EMPIRE; exhibiting its Extent, Physical Capacities, Population, Industry, and Civil and Religious Institutions. By J. R. M'Culloch, Esq. 3d Edition, corrected, enlarged, and greatly improved. 2 thick vols. 8vo. 42s. cloth.

M'CULLOCH.—THE LITERATURE OF POLITICAL ECONOMY; Being a Classified Catalogue of the principal Works in the different departments of Political Economy, interspersed with Historical, Critical, and Biographical Notices. By J. R. M'Culloch, Esq. 8vo. 14s. cloth.

M'CULLOCH.—A TREATISE ON THE PRINCIPLES AND PRACTICAL INFLUENCE OF TAXATION AND THE FUNDING SYSTEM. By J. R. M'Culloch, Esq. 8vo. 10s. cloth.

MADAME DE MALCUET:

A Tale of 1820. 3 vols. post 8vo. 31s. 6d. boards.

"One of the most fascinating productions of the present day. The story is well told; and the incidents are all grouped together with the skill of a painter and the hand of a master. Few works of action have appeared at any time, and fewer still in more recent days, which will bear any comparison with this, in all the essential attributes of a good novel."

Observer.

MAITLAND (DR. CHARLES).—THE CHURCH IN THE CATACOMBS: A Description of the Primitive Church of Rome, Illustrated by its Sepulchral Remains. By Charles Maitland, M.D. New Edition, revised. 8vo. with numerous Engravings on Wood. 14s. cloth.

MARCET.—CONVERSATIONS ON CHEMISTRY;

In which the Elements of that Science are familiarly Explained and Illustrated by Experiments. By Jane Marcet. New Edition, corrected. 2 vols. folio 8vo. 14s. cloth.

MARCET.—CONVERSATIONS ON NATURAL PHILOSOPHY;

In which the Elements of that Science are familiarly explained, and adapted to the comprehension of Young Persons. By Jane Marcet. New Edition, enlarged and corrected. Folio 8vo. with 23 Plates, 10s. 6d. cloth.

MARCET.—CONVERSATIONS ON POLITICAL ECONOMY;

In which the Elements of that Science are familiarly explained. By Jane Marcet. New Edition, revised and enlarged. Folio 8vo. 7s. 6d. cloth.

MARCET.—CONVERSATIONS ON VEGETABLE PHYSIOLOGY;
Comprehending the Elements of Botany, with their application to Agriculture. By Jane Marcet. New Edition. Foolscape 8vo. with Four Plates, 9s. cloth.

MARCET.—CONVERSATIONS ON LAND AND WATER.
By Jane Marcet. New Edition revised and corrected. Foolscape 8vo. with coloured Map shewing the comparative Altitude of Mountains, 5s. 6d. cloth.

MARGARET PERCIVAL.
By the Author of "Amy Herbert." Edited by the Rev. W. Sewell, B.D., Fellow and Tutor of Exeter College, Oxford. New Edition. 2 vols. foolscap 8vo. 12s. cloth.

MARRYAT.—BORNEO AND THE EAST INDIAN ARCHIPELAGO.
By Francis S. Marryat, late Midshipman of H.M.S. Samarang, Surveying Vessel. With many Drawings of Costume and Scenery, from Original Sketches made on the spot by Mr. Marryat. Imperial 8vo. with numerous Lithographic Plates and Wood Engravings, 31s. 6d.

MARRYAT (CAPT.)—MASTERMAN READY;
Or, the Wreck of the Pacific. Written for Young People. By Captain Marryat, C.B. author of "Peter Simple," etc. 3 vols. fcap. 8vo. with numerous Engravings on Wood, 22s. 6d. cloth.

MARRYAT.—THE PRIVATEER'S—MAN ONE HUNDRED YEARS AGO.
By Captain F. Marryat, C.B. author of "Peter Simple," "Masterman Ready," etc. 2 vols. fcap. 8vo. 12s. cloth.

MARRYAT.—THE MISSION;
Or, Scenes in Africa. Written for Young People. By Captain Marryat. C.B., author of "Peter Simple," "Masterman Ready," etc. 2 vols. fcap. 8vo. 12s. cloth.

MARRYAT.—THE SETTLERS IN CANADA.
Written for Young People. By Captain Marryat, C.B. author of "Peter Simple," "Masterman Ready," etc. New Edition. Fcap. 8vo. with two Illustrations, 7s. 6d. cloth.

MATTEUCCI.—LECTURES ON THE PHYSICAL PHÆNOMENA OF LIVING BEINGS. By Signor Carlo Matteucci, Professor of the University of Pisa. Translated under the superintendence of J. Pereira, M.D. F.R.S. Vice-President of the Royal Medical and Chirurgical Society. 12mo. 9s. cloth.

MAUNDER.—THE TREASURY OF KNOWLEDGE,
And LIBRARY of REFERENCE: a popular Compendium of Universal Knowledge. By Samuel Maunder. 18th Edition, revised throughout and enlarged. Foolscape 8vo. 10s. cloth; bound in roan, 12s.

••* The principal contents of the present new and thoroughly revised edition of "The Treasury of Knowledge," are—a new and enlarged English Dictionary, with a Grammar, Verbal Distinctions, and Exercises; a new Universal Gazetteer; a compendious Classical Dictionary; an Analysis of History and Chronology; a Dictionary of Law Terms; a new Synopsis of the British Poetage; and various useful tabular Addenda.

MAUNDER.—THE SCIENTIFIC AND LITERARY TREASURY:
A New and Popular Encyclopædia of Science and the Belles Lettres; including all Branches of Science, and every Subject connected with Literature and Art. The whole written in a familiar style, adapted to the comprehension of all persons desirous of acquiring information on the subjects comprised in the work, and also adapted for a Manual of convenient Reference to the more instructed. By Samuel Maunder. New Edition. Fcap. 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE BIOGRAPHICAL TREASURY:
Consisting of Memoirs, Sketches, and brief Notices of above 12,000 Eminent Persons of all Ages and Nations, from the Earliest Period of History; forming a new and complete Dictionary of Universal Biography. By Samuel Maunder. New Edition, revised throughout; with a copious Supplement. Foolscape 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE TREASURY OF HISTORY;
Comprising a General Introductory Outline of Universal History, Ancient and Modern, and a Series of separate Histories of every principal Nation that exists; developing their Rise, Progress, and Present Condition, the Moral and Social Character of their respective Inhabitants, their Religion, Manners, and Customs, etc. etc. By Samuel Maunder. New Edit. Fcap. 8vo. 10s. cloth; bound in roan, 12s.

MAUNDER.—THE TREASURY OF NATURAL HISTORY:

Or, a Popular Dictionary of Animated Nature: in which the Zoological Characteristics that distinguish the different Classes, Genera, and Species are combined with a variety of interesting Information illustrative of the Habits, Instincts, and General Economy of the Animal Kingdom. To which are added, a Syllabus of Practical Taxidermy, and a Glossarial Appendix. Embellished with Nine Hundred Engravings on Wood, from Drawings made expressly for this Work. By Samuel Mauder. New Edition. Fcp. 8vo. with 900 Woodcuts, 10s. cloth, bound in roan, 12s.

MAXIMS AND PRECEPTS OF THE SAVIOUR:

Being a Selection of the most beautiful Christian Precepts contained in the Four Gospels, illustrated by a series of Illuminations of original character, founded on the Passages—“Behold the Fowls of the Air,” “Consider the Lilies of the Field,” etc. In a rich binding, in the style of the celebrated opus Anglicum. Square foolscap 8vo. 2ls.; or 3s. bound in morocco.

MEMOIRS OF THE GEOLOGICAL SURVEY OF GREAT BRITAIN,

And of the Museum of Economic Geology in London. Published by order of the Lord Commissioners of Her Majesty's Treasury. Vol. I. royal 8vo. with Woodcuts and 9 Plates (seven coloured), 21s. cloth; and Vol. II. in two thick Parts, with 68 Plates (three coloured) and numerous Woodcuts, 42s. cloth, or, separately, 21s. each Part.

MILNER (REV. J. AND I.)—THE HISTORY OF THE CHURCH OF CHRIST.

By the Rev. Joseph Milner, A.M. With Additions and Corrections by the late Rev. Isaac Milner, D.D. F.R.S. A New Edition, revised, with additional Notes, by the Rev. Thomas Grantham, B.D., Chaplain to the Bishop of Kildare. 4 vols. 8vo. 52s. cloth.

MIRACLES OF OUR SAVIOUR.

With rich and appropriate Borders of Original Design, a series of Illuminated Figures of the Apostles from the Old Masters, six Illuminated Miniatures, and other Embellishments. By the Illuminator of the “Parables.” Square fcap. 8vo. in massive carved covers, 21s.; or bound in morocco, in the missal style, 30s.

MITCHELL.—JOURNAL OF AN EXPEDITION INTO THE INTERIOR OF TROPICAL AUSTRALIA, in Search of a Route from Sydney to the Gulf of Carpentaria.

By Lieut.-Colonel Sir T. L. Mitchell, Knt. D.C.L. Surveyor-General of New South Wales and late elective Member of the Legislative Council of that Colony. 8vo. with Maps, Views, and Engravings of Objects of Natural History, 21s. cloth.

MONTGOMERY'S (JAMES) POETICAL WORKS.

New and only complete Edition. With some additional Poems, and Autobiographical Prefaces. Collected and edited by Mr. Montgomery. 4 vols. foolscap 8vo. with Portrait, and seven other Plates, 20s. cloth; bound in morocco, 17. 1s.

MOORE'S POETICAL WORKS;

Containing the Author's recent Introduction and Notes. Complete in one volume, uniform with Lord Byron's Poems. Medium 8vo. with Portrait and Vignette, 17. 1s. cloth; or 42s. bound in morocco, by Hayday.

•• Also, an Edition in 10 vols. foolscap 8vo. with Portrait, and 19 Plates, 27.10s. cloth morocco, 42s. 10s.

MOORE'S LALLA ROOKH.

New and cheaper Edition, uniform in size with the smaller Edition of Mr. Macaulay's “Lay of Ancient Rome.” With the Autobiographical Preface from the Collective Edition of Mr. Moore's Poetical Works, and a Vignette by D. Macline, R.A.. Engraved on Wood by J. Thompson. 16mo. 5s. cloth; or 12s. 6d. bound in morocco, by Hayday.

MOORE'S LALLA ROOKH. AN ORIENTAL ROMANCE.

New Edition. Medium 8vo. Illustrated with 13 fine Engravings, 21s. cloth; morocco, 35s. with Indi Proof Plates, 42s. cloth.

MOORE'S LALLA ROOKH. AN ORIENTAL ROMANCE.

New Edition. Foolscap 8vo. with 4 Plates, by Westall, 10s. 6d. cloth; or 14s. bound in morocco.

MOORE'S IRISH MELODIES.

Illustrated by D. Macline, R.A. Imp. 8vo. with 161 Designs, engraved on Steel, 21. 1s. boards; or 42s. 14s. 6d. bound in morocco, by Hayday. Proof Impressions (only 200 copies printed, of which a few remain), 6s. 6d. boards.

MOORE'S IRISH MELODIES.

New and cheaper Edition, uniform in size with the smaller Edition of Mr. Macaulay's "Lays of Ancient Rome." With the Autobiographical Preface from the Collective Edition of Mr. Moore's Poetical Works, and a Vignette by D. Macilise, R.A. Engraved on Wood by J. Thompson. 16mo. 6s. cloth, or 12s. 6d. bound in morocco, by Hayday.

MOORE'S IRISH MELODIES.

New Edition. Fcap. 8vo. with Vignette Title, 10s. cloth; bound in morocco, 13s. 6d.

MOORE.—THE POWER OF THE SOUL OVER THE BODY,

Considered in relation to Health and Morals. By George Moore, M.D. Member of the Royal College of Physicians, London, etc. New Edition. Post 8vo. 7s. 6d. cloth.

MOORE.—THE USE OF THE BODY IN RELATION TO THE MIND.

By George Moore, M.D. Member of the Royal College of Physicians, London, etc. New Edition. Post 8vo. 9s. cloth.

MOORE.—MAN AND HIS MOTIVES.

By George Moore, M.D. Member of the Royal College of Physicians, London, etc.; author of "The Power of the Soul over the Body," and "The Use of the Body in relation to the Mind." New Edition. Post 8vo. 8s. cloth.

MORELL.—THE PHILOSOPHY OF RELIGION.

By J. D. Morell, M.A., author of an Historical and Critical "View of the Speculative Philosophy of Europe in the Nineteenth Century." 8vo. 12s. cloth.

MOSELEY.—ILLUSTRATIONS OF PRACTICAL MECHANICS.

By the Rev. H. Moseley, M.A., Professor of Natural Philosophy and Astronomy in King's College, London; author of "The Mechanical Principles of Engineering and Architecture." New Edition. Fcap. 8vo. with Woodcuts, 8s. cloth.

MOSELEY.—THE MECHANICAL PRINCIPLES OF ENGINEERING AND ARCHITECTURE.

By the Rev. H. Moseley, M.A., F.R.S., Professor of Natural Philosophy and Astronomy in King's College, London; and author of "Illustrations of Practical Mechanics," etc. 8vo. with Woodcuts and Diagrams, 11s. 4d. cloth.

MOSHEIM'S ECCLESIASTICAL HISTORY,

Ancient and Modern. Translated, with copious Notes, by James Murdoch, D.D. New Edition, revised, and continued, by the Rev. Henry Soames, M.A. 4 vols. 8vo. 48s. cloth.

MURE.—A CRITICAL HISTORY OF THE LANGUAGE AND LITERATURE OF ANCIENT GREECE.

By William Mure, M.P., of Caldwell.

[Preparing for publication.

MURRAY.—AN ENCYCLOPÆDIA OF GEOGRAPHY;

comprising a complete Description of the Earth: exhibiting its Relation to the Heavenly Bodies, its Physical Structure, the Natural History of each Country, and the Industry, Commerce, Political Institutions, and Civil and Social State of all Nations. By Hugh Murray, F.R.S.E. New Edition. 8vo. with 82 Maps, and upwards of 1,000 other Wood Engravings, 81. cloth.

NECKER DE SAUSSURE.—PROGRESSIVE EDUCATION:

Or, Considerations on the Course of Life. Translated and Abridged from the French of Madame Necker De Saussure, by Miss Holland. 3 vols. foolscap 8vo. 19s. 6d. cloth.

* * Separately—vols. I. and II. 12s.; vol. III. 7s. 6d.

NEALE.—THE CLOSING SCENE;

Or, Christianity and Infidelity contrasted in the Last Hours of Remarkable Persons. By the Rev. Erskine Neale, M.A., Rector of Kirton, Suffolk; author of "The Bishop's Daughter," "Self-Sacrifice," "The Life-Book of a Labourer," etc. 2 vols. fcap. 8vo. 13s. cloth.

* * Separately—Vol. I. (First Series), 6s.; Vol. II. (Second Series), 7s.

NOZRANI IN EGYPT AND SYRIA:

An English Clergyman's Travels in the Holy Land. Second Edition, revised. Foolscap 8vo. 6s. cloth.

* * Egypt a base Kingdom: Jerusalem trodden down of the Gentiles.

OWEN.—LECTURES ON THE COMPARATIVE ANATOMY AND PHYSIOLOGY OF THE INVERTEBRATE ANIMALS,

delivered at the Royal College of Surgeons in 1843. By Richard Owen, F.R.S. Hunterian Professor to the College. From Notes taken by William White Cooper, M.R.C.S. and revised by Professor Owen. With Glossary and Index. 8vo. with nearly 140 Woodcuts, 14s. cloth.

OWEN.—LECTURES ON THE COMPARATIVE ANATOMY AND PHYSIOLOGY of the VERTEBRATE ANIMALS, delivered at the Royal College of Surgeons in 1844 and 1846. By Richard Owen, F.R.S. Hunterian Professor to the College. In 2 vols. Vol. I. 8vo. with numerous Woodcuts, 14s. cloth.

PARABLES OF OUR LORD.

Richly Illuminated with appropriate Borders, printed in Colours, and in Black and Gold; with a Design from one of the early German engravers. Square foolscap 8vo., uniform in size with the "Sermon on the Mount," 2ls., in a massive carved binding; morocco, 30s., bound by Hayday.

PARKES.—DOMESTIC DUTIES;

Or, Instructions to Young Married Ladies on the Management of their Households and the Regulation of their Conduct in the various Relations and Duties of Married Life. By Mrs. W. Parkes. New Edition. Foolscap 8vo. 9s. cloth.

PARNELL.—A TREATISE ON ROADS,

Wherein the Principles on which Roads should be made are explained and illustrated by the Plans, Specifications, and Contracts, made use of by Thomas Telford, Esq., on the Holy-head Road. By the Rt. Hon. Sir Henry Parnell, Bart. New Edition, enlarged. 8vo. with Nine Plates, 2ls. cloth.

PARROT.—THE ASCENT OF MOUNT ARARAT.

By Dr. Friedrich Parrot, Professor of Natural Philosophy in the University of Dorpat, Russian Imperial Councillor of State, etc. Translated and Edited by W. D. Cooley, Esq.—author of the "History of Maritime and Inland Discovery," etc. 8vo. with a Map by Arrowsmith, and Woodcuts, 14s. cloth.

PASCAL.—THE MISCELLANEOUS WRITINGS OF PASCAL.

Consisting of Correspondence with Relatives and Friends; Letter on the Death of his Father, in a complete state, from original Sources; Philosophical Treatises; Discourse on the "Passion of Love" (lately discovered); Essay on the Art of Persuasion, and Notes on Eloquence and Style; Conversations—on the Condition of the Great, etc.; Detached Thoughts and Notes, etc. etc.; the greater Part never before published in this Country, and large Portions from original Manuscripts. Arranged and Translated from the French Edition of M. P. Faugère, with Introduction, Editorial Notices, Notes, etc., by George Pearce, Esq. Post 8vo. 8s. 6d. cloth.

PASCAL.—THE PROVINCIAL LETTERS OF PASCAL:

With an "Essay on Pascal, considered as a Writer and Moralist." By M. Villemain, Peer of France, late Minister of Public Instruction, etc. Newly Translated from the French, with Memoir, Notes, and Appendix, by George Pearce, Esq. Post 8vo. 8s. 6d. cloth.

"As these Letters were the first model of French prose, so they still remain the objects of unqualified admiration. The writings of Pascal 'flourish in immortal youth'; all that time can do is to superadd to the charms of perpetual beauty the veneration which belongs to age. His style cannot grow old. He anticipated all criticism, and became a law to himself." Edinburgh Review.

PEREIRA.—A TREATISE ON FOOD AND DIET:

With Observations on the Dietetical Regimen suited for Disordered States of the Digestive Organs; and an Account of the Dietaries of some of the principal Metropolitan and other Establishments for Paupers, Lunatics, Criminals, Children, the Sick, etc. By Jon. Pereira, M.D. F.R.S., author of "Elements of Materia Medica." 8vo. 16s. cloth.

PESCHEL (C. F.)—ELEMENTS OF PHYSICS,

By C. F. Peschel, Principal of the Royal Military College, Dresden, etc. etc. Translated from the German, with Notes, by E. West. 3 vols. fcsp. 8vo. with Woodcuts, 2ls. cloth.

Separately { Part I. The Physics of Ponderable Bodies. Fcsp. 8vo. 7s. 6d. cloth.
Part II. Imponderable Bodies (Light, Heat, Magnetism, Electricity, and Electro-Dynamics). 3 vols. fcsp. 8vo. 13s. 6d. cloth.

HILLIPS.—FIGURES & DESCRIPTIONS OF THE PALÆOZOIC FOSSILS OF CORNWALL, DEVON, and WEST SOMERSET; observed in the course of the Ordnance Geological Survey of that District. By John Phillips, F.R.S. F.G.S. etc. Published by Order of the Lords Commissioners of H. M. Treasury. 8vo. with 60 Plates, comprising very numerous Figures, 9s. cloth.

HILLIPS.—AN ELEMENTARY INTRODUCTION TO MINERALOGY;

Comprising a Notice of the Characters, Properties, and Chemical Constitution of Minerals; with Accounts of the Places and Circumstances in which they are found. By William Phillips, F.L.S. M.G.S. etc. A New Edition, corrected, enlarged, and improved, by W. H. Miller, M.A. F.R.S. Professor of Mineralogy in the University of Cambridge. 8vo. with numerous Wood Engravings. [In the press.]

PITMAN (THE REV. J. R.)—SERMONS

On the principal Subjects comprised in the Book of Psalms, abridged from Eminent Divines of the Established Church. By the Rev. J. R. Pitman, A.M. Domestic Chaplain to Her Royal Highness the Duchess of Kent. 8vo. 14s. cloth.

PLUNKETT.—THE PAST AND FUTURE OF THE BRITISH NAVY.

By Captain the Hon. E. Plunkett, R.N. 2d Edition, corrected and enlarged; with Notes, and New Information communicated by several Officers of Distinction. Post 8vo. 8s. 6d. cloth.

THE POCKET AND THE STUD;

Practical Hints on the Management of the Stable. By Harry Hicover, author of "Stable-Talk and Table-Talk; or, Spectacles for Young Sportsmen." With a Portrait of the Author on his favourite Horse " Harlequin." Foolscape 8vo. 6s. half-bound.

PORTLOCK.—REPORT ON THE GEOLOGY OF THE COUNTY OF LONDONDERRY, and of Parts of Tyrone and Fermanagh, examined and described under the Authority of the Master-General and Board of Ordnance. By J. E. Portlock, F.R.S. etc.

8vo. with 48 Plates, 24s. cloth.

PYCROFT.—A COURSE OF ENGLISH READING;

Adapted to every Taste and Capacity. With Anecdotes of Men of Genius. By the Rev. James Pycroft, B.A., author of " The Collegian's Guide," etc. Foolscape 8vo. 6s. 6d. cloth.

PYCROFT.—THE COLLEGIAN'S GUIDE;

Or, Recollections of College Days; setting forth the Advantages and Temptations of a University Education. By the Rev. James Pycroft, B.A., author of " A Course of English Reading," etc. Post 8vo. 10s. 6d. cloth.

RANKE (PROFESSOR).—RANKE'S HISTORY OF THE REFORMATION.

Translated by Sarah Austin, translator of Ranke's "History of the Popes." Vols. I. and II. 8vo. 30s.; Vol. III. 18s. cloth.

READER (THOMAS).—TIME TABLES.

On a New and Simplified Plan; to facilitate the Operation of Discounting Bills, and the Calculation of Interest on Banking and Current Accounts, etc.: shewing, without calculation, the Number of Days from every Day in the Year to any other Day, for any Period not exceeding 365 Days. By Thomas Reader. Post 8vo. 14s. cloth, or 17s. half lettered.

REID (DR.)—ILLUSTRATIONS OF THE THEORY AND PRACTICE OF VENTILATION: with Remarks on Warming, Exclusive Lighting, and the Communication of Sound. By D. B. Reid, M.D. F.R.S.E. etc.

8vo. with Engravings on Wood, 16s. cloth.

A REMEMBRANCE OF BONCHURCH,

Ile of Wight, the last Resting-place of the Rev. W. Adams, author of "The Old Man's Home," etc. By G. A. Hillier. With a Memoir, Portrait, and Vignettes. Royal 16mo. 2s. 6d. cloth.

REPTON.—THE LANDSCAPE GARDENING & LANDSCAPE ARCHITECTURE

of the late Humphrey Repton, Esq.; being his entire Works on these subjects. A New Edition, with an Historical and Scientific Introduction, a systematic Analysis, a Biographical Notice, Notes, and a copious Alphabetical Index. By J. C. Loudon, F.L.S., etc. 8vo. with a Portrait and upwards of 350 Engravings, 30s. cloth; with coloured Plates, 31. 6s. cloth.

REST IN THE CHURCH.

By the Author of "From Oxford to Rome; and, How it Fared with Some who lately made the Journey." New Edition. Fcap. 8vo. 6s. 6d. cloth.

RICH.—THE ILLUSTRATED COMPANION TO THE LATIN DICTIONARY

AND GREEK LEXICON: forming a Glossary of all the Words respecting Visible Objects connected with the Arts, Manufactures, and Every-day Life of the Ancients. With Representations of nearly Two Thousand Objects from the Antique. By Anthony Rich, jun. B.A. late of Caius College, Cambridge, and one of the Contributors to Dr. Smith's "Dictionary of Greek and Roman Antiquities." Post 8vo. with about 2,000 Woodcuts, 21s. cloth.

RICHTER.—LEVANA; OR, THE DOCTRINE OF EDUCATION.

Translated from the German of Jean Paul Fr. Richter. Post 8vo. 10s. 6d. cloth.

RIDDLE.—LETTERS FROM AN ABSENT CODFATHER;

Or, a Compendium of Religious Instruction for Young Persons. By the Rev. J. E. Riddle, M.A. Foolscape 8vo. 6s. cloth.

RIDDLE.—A COMPLETE ENGLISH-LATIN AND LATIN-ENGLISH DICTIONARY, from the best sources, chiefly German. By the Rev. J. E. Riddle, M.A. New Edition. 8vo. 3ls. 6d. cloth.

. Separately.—The English-Latin Dictionary, 10s. 6d.; the Latin-English Dictionary, 2ls.

RIDDLE.—A DIAMOND LATIN-ENGLISH DICTIONARY.

A Guide to the Meaning, Quality, and right Accentuation of Latin Classical Words. By the Rev. J. E. Riddle, M.A. New Edition. Royal 82mo. 4s. bound.

RIDDLE.—ECCLESIASTICAL CHRONOLOGY;

Or, Annals of the Christian Church, from its Foundation to the present Time. Containing a View of General Church History, and the Course of Secular Events; the Limits of the Church and its Relations to the State; Controversies; Sects and Parties; Rites, Institutions, and Discipline; Ecclesiastical Writers, etc. By the Rev. J. E. Riddle, M.A. 8vo. 15s. cloth.

RITCHIE (ROBERT).—RAILWAYS: THEIR RISE AND PROGRESS, AND CONSTRUCTION, with Remarks on Railway Accidents, and Proposals for their Prevention. By Robert Ritchie, Esq., F.R.S., S.A., Civil Engineer, Associate of the Institution of Civil Engineers, etc. Fcap. 8vo. with Woodcuts and Diagrams, 9s. cloth.

RIVERS.—THE ROSE AMATEUR'S GUIDE:

Containing ample Descriptions of all the fine leading varieties of Roses, regularly classed in their respective Families; their History and Mode of Culture. By T. Rivers, Jun. Fourth Edition, corrected and improved. Foolscape 8vo. 6s. cloth.

ROBINSON.—THE WHOLE ART OF MAKING BRITISH WINES, CORDIALS, AND LIQUEURS, IN THE GREATEST PERFECTION; AS ALSO STRONG AND CORDIAL WATERS. To which is added, a Collection of Valuable Recipes for Brewing Fine and Strong Ales, and Miscellaneous Articles connected with the Practice. By James Robinson. Fcap. 8vo. 6s. cloth.

ROBINSON (JAMES).—THE WHOLE ART OF CURING, PICKLING, and SMOKING MEAT and FISH, both in the British and Foreign Modes. With many useful Miscellaneous Recipes, and full Directions for the Construction of an Economical Drying-Chimney and Apparatus, on an entirely new Plan. By James Robinson, Eighteen Years a Practical Curer. Fcap. 8vo. 4s. 6d. cloth.

ROGERS.—THE VEGETABLE CULTIVATOR:

Containing a plain and accurate Description of all the different Species of Culinary Vegetables, with the most approved Method of Cultivating them by Natural and Artificial Means, and the best Modes of Cooking them. By John Rogers, author of "The Fruit Cultivator." New Edition. Foolscape 8vo. 7s. cloth.

ROHNER.—A PRACTICAL TREATISE ON MUSICAL COMPOSITION.
By G. W. Rohner. Small 4to. 16s. cloth. Key, 6s.

"It is well calculated, by its simplicity and clearness, to lead the student to a mastery of the science of music."—Sunday Times.

"The whole has been treated with great care: it is copious, highly scientific—that is, perfectly simple, grammatical; and we have no hesitation in saying that it is one of the most learned books ever written on the art."—Jerrold's News.

ROWTON.—THE FEMALE POETS OF GREAT BRITAIN,
Chronologically arranged: with copious Selections, and Critical Remarks. By Frederic Rowton, author of "The Debater," etc. Square crown 8vo. 14s. cloth.

ROWTON (F.).—THE DEBATER;

Being a Series of complete Debates, Outlines of Debates, and Questions for Discussion. With ample references to the best sources of information upon each particular topic. By Frederic Rowton, Lecturer on General Literature. Foolscape 8vo. 6s. cloth.

"There is one merit in the book we think should be noticed. The model debates are extremely short and very much to the point. Arguments are very fairly stated on each side of the question, and shew that reference has been diligently made to the best modern sources. The logical predominates over the spiritual, as may be expected, and as is ever the case in such societies. The questions are exceedingly various, and all of an interesting and many of a novel kind. The reader who has no ambition to rival the gentlemen of the bar or the senate may yet find agreeable reading and a brief view of many important questions well stated; and it will be of real value to many who have no idea that much may be said on both sides of a question. The summaries of arguments at the end are really useful to any one considering the subjects of which they treat, and are ably composed."—Jerrold's Magazine.

SANDFORD (REV. JOHN).—PAROCHIALIA,

Or Church, School, and Parish. By the Rev. John Sandford, B.D. Vicar of Dunchurch, Chaplain to the Lord Bishop of Worcester, Hon. Canon of Worcester, and Rural Dean. 8vo. with numerous Woodcuts, 16s. cloth.

SANDFORD.—WOMAN IN HER SOCIAL AND DOMESTIC CHARACTER.

By Mrs. John Sandford. 6th Edition. Foolscape 8vo. 6s. cloth.

SANDFORD.—FEMALE IMPROVEMENT.

By Mrs. John Sandford. New Edition. Foolscape 8vo. 7s. cloth.

SEAWARD.—SIR EDWARD SEAWARD'S NARRATIVE OF HIS SHIPWRECK,
and consequent Discovery of certain Islands in the Caribbean Sea: with a Detail of many extraordinary and highly interesting Events in his Life, from 1783 to 1749, as written in his own Diary. Edited by Miss Jane Porter. New Edition. 2 vols. post 8vo. 21s. cloth.**SEDGWICK.—A HISTORY OF FRANCE**

For the Use of Schools and Young Persons. From the Earliest Period to the Revolution of 1848. Edited by the Rev. John Sedgwick, M.A. Demy of Magdalene College, Oxford; and one of the Masters in the Ordnance School, Carshalton. Foolscape 8vo.

[Nearly ready.]

SELECT WORKS OF THE BRITISH POETS:

From Chaucer to Withers. With Biographical Sketches, by R. Southey, LL.D. Medium 8vo. 30s. cloth; or, with gilt edges, 31s. 6d.

SELECT WORKS OF THE BRITISH POETS:

From Ben Jonson to Coleridge. With Biographical and Critical Prefaces by Dr. Aikin. A New Edition, with additional Selections, from more recent Poets, by Lucy Aikin. Medium 8vo. 18s. cloth.

" * The peculiar feature of these two works is, that the Poems included are printed entire without mutilation or abridgment.

SENIOR.—CHARLES VERNON :

A Transatlantic Tale. By Lieut.-Colonel Henry Senior. 2 vols. post 8vo. 21s. boards.

"There are very few readers whose taste is not consulted in these volumes. We pay them a high compliment when we say that we read them at one refreshing draught. They treat of love, prosperity, then unhappy, and finally prosperous again; of sea-fights and land-fights—of being almost sold to slavery, and thence redeemed by bravely terrible perils; of bold adventures in escaping through surrounding enemies; of West Indian conflagrations and unsparring hurricanes; of descriptions of creole and negro life; of the idleness and cruelty of Colonial owners and consumers; of the forced labour and ill-treatment of the producers; and finally, the Author, transplanting his literary progeny from trans- to cis-Atlantic localities, causes them to terminate their adventures happily in Somersetshire and Hampshire."—Observer.

THE SERMON ON THE MOUNT.

Intended as a Birthday-Present, or Gift-Book for all Seasons. Printed in Gold and Colours, in the Missal Style; with Ornamental Borders by Owen Jones, Architect, and an Illuminated Frontispiece by W. Boxall, Esq. A new edition. Foolscape 4to. in a rich brocaded silk cover, 21s.; or bound in morocco, by Hayday, 28s.

SHAKSPEARE, BY BOWDLER.

THE FAMILY SHAKSPEARE, in which nothing is added to the Original Text; but those Words and Expressions are omitted which cannot with propriety be read aloud. By T. Bowdler, Esq. F.R.S. New Edition. 8vo. with 26 Illustrations after Smirke, etc., 21s. cloth; or, without illustrations, 8 vols. 8vo. 4f. 14s. 6d. boards.

SHORT WHIST :

Its Rise, Progress, and Laws; with the recent Decisions of the Clubs, and Observations to make any one a Whist Player. Containing also the Laws of Piquet, Cassino, Ecarte, Cribbage, Backgammon. By Major A * * * * New Edition. To which are added, Precepts for Tyros. By Mrs. B * * * * Foolscape 8vo. 3s. cloth, gilt edges.

THE GOOD SHUNAMMITE.

From the Scriptures—2 Kings, chap. IV. 8 to 37. With Six Original Designs by A. Klein, and an Ornamental Border to each page, in the Missal style, by L. Gruner. Printed in Colours and Gold. Square 8vo. uniform in size with "Miracles of our Lord," 21s. in massive carved covers; or 30s. bound in morocco, in the Missal style.

SINCLAIR.—THE BUSINESS OF LIFE.

By Catherine Sinclair, author of "The Journey of Life," "Jane Bouvier," "Modern Accomplishments," "Modern Society," etc. 2 vols. 8vo. 10s. cloth.

"The book, without being of a directly devotional character, or belonging to the class of light reading, combines several of the best qualities of both, and makes general literature and entertaining anecdote serve as handmaids to religious instruction. We have seen many pompous treatises containing not half the talent or a tithe of the knowledge compressed into these unpretending little volumes."—Britannia.

SINCLAIR.—THE JOURNEY OF LIFE.

By Catherine Sinclair, author of "The Business of Life," "Modern Society," "Jane Bouverie," etc. New Edition, corrected and enlarged. Fcap. 8vo. 5s. cloth.

SINNETT.—BY-WAYS OF HISTORY, FROM THE TWELFTH TO THE SIXTEENTH CENTURY. By Mrs. Percy Sinnett. 2 vols. post 8vo. 18s. cloth.**THE SKETCHES;**

Three Tales. By the Authors of "Amy Herbert," "The King's Messengers," and "Hawstone." New Edition. Fcap. 8vo. with six Plates, 8s. cloth.

THE RELIGION OF ANCIENT BRITAIN HISTORICALLY CONSIDERED:

Or, a Succinct Account of the several Religious Systems which have obtained in this Island from the Earliest Times to the Norman Conquest; including an Investigation into the Early Progress of Error in the Christian Church, the Introduction of the Gospel into Britain, and the State of Religion in England till Popery had gained the Ascendancy. By George Smith, F.A.S. New Edition. 8vo. 7s. 6d. cloth.

SMITH.—SACRED ANNALS:

Or, Researches into the History and Religion of Mankind, from the Creation of the World to the Death of Isaac: deduced from the Writings of Moses and other Inspired Authors, copiously illustrated and confirmed by the ancient Records, Traditions, and Mythology of the Heathen World. By George Smith, F.S.A. etc. author of "The Religion of Ancient Britain," etc. Crown 8vo. 10s. cloth.

PERILOUS TIMES:

Or, the Aggressions of Anti-Christian Error on Scriptural Christianity: considered in reference to the Dangers and Duties of Protestants. By George Smith, F.A.S. Member of the Royal Asiatic Society, and of the Royal Society of Literature. Foolscape 8vo. 6s. cloth.

SMITH (JAMES).—THE VOYAGE AND SHIPWRECK OF SAINT PAUL:
with Dissertations on the Sources of the Writings of St. Luke, and the Ships and Navigation of the Antients. By James Smith, Esq. of Jordanhill, F.R.S. etc. 8vo. with Illustrative Views, Charts, and Woodcuts, 14s. cloth.**SMITH (SYDNEY).—SERMONS PREACHED AT ST. PAUL'S CATHEDRAL,** the Foundling Hospital, and several Churches in London; together with others addressed to a Country Congregation. By the late Rev. Sydney Smith, Canon Residentiary of St. Paul's Cathedral. 8vo. 12s. cloth.**THE WORKS OF THE REV. SYDNEY SMITH.**

Comprising the Author's Miscellaneous Writings, and Contributions to the Edinburgh Review. New Edition, with Additions. 3 vols. 8vo. with Portrait, 36s. cloth.

SOAMES.—THE LATIN CHURCH DURING ANGLO-SAXON TIMES.
By the Rev. Henry Soames, M.A., Editor of "Mosheim's Institutes of Ecclesiastical History." 8vo. 14s. cloth.**SOME PASSAGES FROM MODERN HISTORY.**

By the Author of "Letters to My Unknown Friends," and "Twelve Years Ago." Foolscape 8vo. 6s. 6d. cloth.

THE SONG OF SONGS, WHICH IS SOLOMON'S.

From the Holy Scriptures. Being the Six Chapters of the Book of the Song of Solomon, richly illuminated, in the Missal Style, by Owen Jones. Elegantly bound in relieveo leather Imperial 16mo. 21s.

SONGS, MADRIGALS, AND SONNETS:

A Gathering of some of the most pleasant Flowers of old English Poetry. Set in Borders of coloured Ornament and Vignettes. Square foolscap 8vo., 10s. 6d., ornamental boards; or 17s. bound in morocco.

"A truly exquisite and elegant little work. It presents a delightful and fragrant posy, arranged with such judicious taste, and in so agreeable a form, as to render the literary gems still more attractive."—Morning Advertiser.

"The pieces are prettily chosen, without exception; and it is altogether a book of songs and sonnets which may justify the motto from the love-lorn Master Slender, who, in the most difficult crisis of his life, had rather than forty shillings that he had not mislaid the comfort of such a companion!"—Examiner.

SOUTHEY (ROBERT).—THE LIFE AND CORRESPONDENCE OF THE LATE ROBERT SOUTHEY. Edited by his Son, the Rev. Charles Cuthbert Southey, M.A. *[In preparation.*

SOUTHEY (ROBERT).—THE LATE MR. SOUTHEY'S COMMON-PLACE BOOK, comprising his Readings and Collections in History, Biography, Manners and Literature, Voyages and Travels, etc. etc. *[In the press.*

SOUTHEY—THE DOCTOR, ETC.

By the late Robert Southey. Complete in One Volume. Edited by the Author's Son-in-Law, the Rev. John Wood Warner. With Portrait, Vignette Title-page, and Bust of the Author. New Edition. Square crown 8vo. 21s. cloth.

SOUTHEY.—THE LIFE OF WESLEY,

And Rise and Progress of Methodism. By Robert Southey, Esq. LL.D. New Edition, with Notes by the late Samuel Taylor Coleridge, Esq., and Remarks on the Life and Character of John Wesley, by the late Alexander Knox, Esq. Edited by the Rev. Charles Cuthbert Southay, A.M. Curate of Cockermouth. 2 vols. 8vo. with two Portraits, 11. 8s. cloth.

ROBERT SOUTHEY'S COMPLETE POETICAL WORKS :

Containing all the Author's last Introductions and Notes. Complete in One Volume, 24s. 6d., with Portrait and Vignette, uniform with Byron's and Moore's Poetical Works. Medium 8vo. 21s. cloth; or 42s. bound in morocco, by Hayday.

Also, an Edition in 10 vols. foolscap 8vo. with Portrait and 19 Plates, 27. 10s.; morocco, 41. 10s.

STABLE TALK AND TABLE TALK; OR, SPECTACLES FOR YOUNG SPORTSMEN. By Harry Hicover. 2 vols. 8vo. with Portrait, 24s. cloth.

"These lively sketches answer to their title very well. They have the proper tone and unaffectedness of table talk, and the thorough sporting knowledge which should belong to talk of the stable. Wherever Nimrod was welcome, we think there should be cordial greeting for Harry Hicover. His book is certainly a very clever book of its class, with many instructive hints, as well as much agreeable light-hearted reading."—Examiner.

STEEL'S SHIPMASTER'S ASSISTANT.

Compiled for the use of Merchants, Owners and Masters of Ships, Officers of Customs, and all Persons connected with Shipping or Commerce; containing the Law and Local Regulations affecting the Ownership, Charge, and Management of Ships and their Cargoes; together with Notices of other Matters, and all necessary Information for Mariners. New Edition, rewritten throughout. Edited by Graham Willmore, Esq. M.A. Barrister-at-Law; George Clements, of the Customs, London, and William Tate, author of "The Modern Cambist." 8vo. 28s. cloth; or 29s. bound.

STEPHEN.—ESSAYS IN ECCLESIASTICAL BIOGRAPHY, AND ON OTHER SUBJECTS. Taken from Articles which have appeared in the "Edinburgh Review." Revised and corrected by the Author, the Right Hon. Sir James Stephen, K.C.B. 2 vols. 8vo. *[In preparation.*

STEPHEN.—THE HISTORY OF THE CHURCH OF SCOTLAND,

From the Reformation to the Present Time. By Thomas Stephen, author of "The Book of the Constitution," "Spirit of the Church of Rome," etc. 4 vols. 8vo. with 24 highly-finished Portraits, engraved on Steel, 32s. cloth.

STEPHENS.—A MANUAL OF BRITISH COLEOPTERA :

Or, BEETLES: containing a Description of all the Species of Beetles hitherto ascertained to inhabit Great Britain and Ireland, etc. By J. F. Stephens, F.L.S. Post 8vo. 14s. cloth.

STEWART.—THE MEANS OF FACILITATING THE TRANSFER OF LAND :
In Three Lectures. By James Stewart, Esq., of Lincoln's Inn, Barrister. 8vo. 5s. cloth.

THE SUITOR'S INSTRUCTOR IN THE PRACTICE OF THE COUNTY COURTS : containing all the Information necessary for Conducting or Defending a Suit; the Fees payable on each Step; Definitions of the Legal Terms used in the Proceedings; an Abstract of the Act of Parliament; the Rules of Practice, etc. etc. Also a District Directory, giving the Names of all the Streets (and the number of Houses in each Street) which form the Boundaries of the Metropolitan Districts; made from an actual Perambulation around each; and a List of the County Districts. By a County Court Assistant Clerk. 12mo. 4s. 6d. cloth.

TATE.—THE CONTINUOUS HISTORY OF THE LIFE AND WRITINGS OF ST. PAUL, on the basis of the Acts; with Intercalary Matter of Sacred Narrative, supplied from the Epistles, and elucidated in occasional Dissertations; with the Horæ Paulinæ of Dr. Paley, in a more correct edition, subjoined. By James Tate, M.A. 8vo. Map, 13s. cloth.

TAYLER (REV. CHARLES B.)—MARGARET;

Or, the Pearl. By the Rev. Charles B. Tayler, M.A. Rector of St. Peter's, Chester, author of "Lady Mary; or, Not of the World;" etc. New Edition. Foolscape 8vo. 6s. cloth.

TAYLER (REV. CHARLES B.)—LADY MARY; OR, NOT OF THE WORLD.

By the Rev. Charles B. Tayler, Rector of St. Peter's, Chester; author of "Margaret, or the Pearl;" etc. New Edition. Foolscape 8vo. with a Frontispiece engraved by J. Absolon, 6s. 6d. cloth.

TAYLOR.—LOYOLA AND JESUITISM.

By Isaac Taylor. Post 8vo.

[In the Spring.

TAYLOR (JEREMY).—BISHOP JEREMY TAYLOR'S ENTIRE WORKS:

With the Life of Bishop Heber. Revised and corrected by the Rev. Charles Page Eden, Fellow of Oriel College, Oxford. Vol. II. (the first in the order of publication) contains the Life of Christ. Vol. III. the Holy Living and Dying. Vol. IV. a Course of Sermons for all the Sundays of the Year. Vol. V. Episcopacy, Apology for Set Forms, Reverence due to the Altar (now first printed from a MS. recently discovered in the Library of Queen's College, Oxford), Liberty of Prophecy, and Confirmation. 8vo. 10s. 6d. each, cloth.

** To be completed in Ten Volumes, price 10s. 6d. each. Vol. VI. containing the Repentance, Golden Grove, etc. is nearly ready.

THIRLWALL.—THE HISTORY OF GREECE.

By the Right Rev. the Lord Bishop of St. David's. A new Edition, revised; with Notes. Vols. I. to IV. demy 8vo. with Maps, 12s. each cloth. To be completed in 8 volumes.

** Also, an Edition in 8 vols. fcap. 8vo. with vignette titles, 21. 8s. cloth.

THOMSON'S SEASONS.

Edited, with Notes, Philosophical, Classical, Historical, and Biographical, by Anthony Todd Thomson, M.D. F.L.S., Professor of Materia Medica and Therapeutics, and of Forensic Medicine, in University College, London, etc. Fcap. 8vo. 7s. 6d. cloth.

THOMSON'S SEASONS.

Edited by Bolton Corney, Esq. Illustrated with Seventy-seven Designs drawn on Wood by the Members of the Etching Club. Engraved by Thompson and other eminent Engravers. Square crown 8vo. uniform with "Goldsmith's Poems," 21s. cloth; bound in morocco, by Hayday, 36s.

THOMSON.—SCHOOL CHEMISTRY;

Or Practical Rudiments of the Science. By Robert Dundas Thomson, M.D. Master in Surgery in the University of Glasgow; Lecturer on Chemistry in the same University; and formerly in the Medical Service of the Honourable East India Company. Foolscape 8vo. with Woodcuts, 7s. cloth.

THOMSON.—EXPERIMENTAL RESEARCHES ON THE FOOD OF ANIMALS, AND THE FATTENING OF CATTLE: with Remarks on the Food of Man. By Robert Dundas Thomson, M.D. of the University of Glasgow. Fcap. 8vo. 6s. cloth.

"The question of the origin of the fat of animals appears to be completely resolved by these beautiful and elaborate experiments."—Baron Liebig.

THOMSON (JOHN).—TABLES OF INTEREST.

At Three, Four, Four-and-a-half, and Five per Cent., from One Pound to Ten Thousand, and from One to Three Hundred and Sixty-five Days, in a regular progression of Single Days; with Interest at all the above Rates, from One to Twelve Months, and from One to Ten Years. Also, Tables shewing the Exchange on Bills, etc. etc. etc. By John Thomson, Accountant. New Edition. 12mo. 8s. bound.

THOMSON.—THE DOMESTIC MANAGEMENT OF THE SICK ROOM,
Necessary, in Aid of Medical Treatment, for the Cure of Diseases. By Anthony Todd Thomson, M.D. F.L.S. etc. New Edition. Post 8vo. 10s. 6d. cloth.**TOMLINE (BISHOP).—AN INTRODUCTION TO THE STUDY OF THE BIBLE:**

Being the First Volume of the Elements of Christian Theology; containing Proofs of the Authenticity and Inspiration of the Holy Scriptures; a Summary of the History of the Jews; an Account of the Jewish Sects; and a brief Statement of the Contents of the several Books of the Old Testament. By the late George Tomline, D.D. F.R.S. New Edition. Foolscape 8vo. 6s. 6d. cloth.

TOOKE.—THE HISTORY OF PRICES;

With reference to the Causes of their principal Variations, from the year 1792 to the year 1838, inclusive. Preceded by a Sketch of the History of the Corn Trade in the last Two Centuries. By Thomas Tooke, Esq. F.R.S. 3 vols. 8vo. 21s. cloth.

TOOKE.—THE HISTORY OF PRICES,

And of the State of the Circulation, from 1839 to 1847, inclusive: with a General Review of the Currency Question, and Remarks on the Operation of the Act 7 and 8 Vict. c. 32: being a continuation of "The History of Prices from 1792 to 1838." By Thomas Tooke, Esq. F.R.S. 8vo. 18s. cloth.

TOWNSEND (CHARLES).—THE LIVES OF TWELVE EMINENT JUDGES OF THE LAST AND OF THE PRESENT CENTURY.

By W. Charles Townsend, Esq., A.M. Recorder of Macclesfield, author of "Memoirs of the House of Commons." 2 vols. 8vo. 28s. cloth.

TURNER.—THE SACRED HISTORY OF THE WORLD,

Attempted to be Philosophically considered, in a Series of Letters to a Son. By Sharon Turner, F.S.A. and R.A.S.L. Eighth Edition, edited by the Rev. Sydney Turner. 3 vols. post 8vo. 31s. 6d. cloth.

TURNER.—THE HISTORY OF ENGLAND,

From the Earliest Period to the Death of Elizabeth. By Sharon Turner, Esq. F.A.S. R.A.S. New Editions. 12 vols. 8vo. 8f. 3s. cloth; or, separately—

THE HISTORY of the ANGLO-SAXONS. 8 vols. 8vo. 21s. 6d.

THE HISTORY of ENGLAND during the MIDDLE AGES. 5 vols. 8vo. 31.

THE HISTORY of the REIGN of HENRY VIII. 2 vols. 8vo. 26s.

THE REIGNS of EDWARD VI., MARY, and ELIZABETH. 2 vols. 8vo. 22s.

TURTON'S (DR.) MANUAL OF THE LAND AND FRESHWATER SHELLS OF THE BRITISH ISLANDS.

A new Edition, thoroughly revised, with Additions. By John Edward Gray. Post 8vo. with Woodcuts, and 12 coloured Plates, 15s. cloth.

TWELVE YEARS AGO:

A Tale. By the Author of "Letters to My Unknown Friends." Foolscape 8vo. 6s. 6d. cloth.

TWISS.—VIEW OF THE PROGRESS OF POLITICAL ECONOMY IN EUROPE SINCE THE SIXTEENTH CENTURY;

being a Course of Lectures delivered before the University of Oxford, in Michaelmas Term 1846, and Lent Term 1847. By Travers Twiss, D.C.L. F.R.S. Professor of Political Economy, and Fellow of University College, Oxford. 8vo. 10s. 6d. cloth.

URE.—DICTIONARY OF ARTS, MANUFACTURES, AND MINES:

Containing a clear Exposition of their Principles and Practice. By Andrew Ure, M.D. F.R.S. M.G.S. M.A.S. Lond., M. Acad. N.S. Philad.; S. Ph. Soc. N. Germ. Hanov.; Mullisi, etc. etc. 3d Edition, corrected. 8vo. with 1,240 Woodcuts, 50s. cloth.

By the same Author,

SUPPLEMENT OF RECENT IMPROVEMENTS. 2d Edition. 8vo. 14s. cloth.

VON ORLICH (CAPT.)—TRAVELS IN INDIA,

And the adjacent Countries, in 1842 and 1843. By Capt. Leopold Von Orlich. Translated from the German by H. Evans Lloyd, Esq. 2 vols. 8vo. with coloured Frontispieces, and numerous Illustrations on Wood, 25s. cloth.

WALFORD (J. E.)—THE LAWS OF THE CUSTOMS,

Compiled by Direction of the Lords Commissioners of Her Majesty's Treasury, and published under the Sanction of the Commissioners of Her Majesty's Customs; with Notes and a General Index. Edited by J. G. Walford, Esq. Solicitor for the Customs. Printed for Her Majesty's Stationery Office, and published by Authority. 8vo. 10s. 6d. cloth.

WALKER.—ELEMENTA LITURGICA;

Or, the Churchman's Primer, for the Scholastic Study of the Book of Common Prayer. G. A. Walker, A.M., of Christ College, Cambridge. New Edition, entirely rearranged and considerably enlarged. Fcap. 8vo. 4s. 6d. cloth.

WALKER (GEO.)—CHESS STUDIES :

Comprising 1,000 Games actually Played during the last Half Century; presenting a unique Collection of Classical and Brilliant Specimens of Chess Skill in every stage of the Game, and forming an Encyclopaedia of Reference. By George Walker. 8vo. 10s. 6d. sewed.

WARDLAW.—DISCOURSES ON THE PRINCIPAL POINTS OF THE SOCINIAN CONTROVERSY—the Unity of God, and the Trinity of Persons in the Godhead—the Supreme Divinity of Jesus Christ—the Doctrine of the Atonement,—the Christian Character, etc. By Ralph Wardlaw, D.D. New Edition. 8vo. 16s. cloth.**WATERTON.—ESSAYS ON NATURAL HISTORY,**

Chiefly Ornithology. By Charles Waterton, Esq., author of "Wanderings in South America." With an Autobiography of the Author, and a View of Walton Hall. New Edition. Folio. 8vo. 8s. cloth.

SECOND SERIES. With Continuation of Mr. Waterton's Autobiography. New Edition. Fcap. 8vo. with Vignette by T. Creswick, A.R.A. 6s. 6d. cloth.

WEBSTER.—AN ENCYCLOPÆDIA OF DOMESTIC ECONOMY ;

Comprising such subjects as are most immediately connected with Housekeeping; as, The Construction of Domestic Edifices, with the Modes of Warming, Ventilating, and Lighting them—A Description of the various Articles of Furniture, with the Nature of their Materials—Duties of Servants, etc. etc. By Thomas Webster, F.G.S., etc. etc.; assisted by the late Mrs. Parkes. New Edition. 8vo. with nearly 1,000 Woodcuts, 50s. cloth.

WELSFORD.—MITHRIDATES MINOR :

Or, an Essay on Language. By Henry Welsford, Esq. author of the "Origin and Ramifications of the English Language." 8vo. 14s. cloth.

WESTWOOD (J. O.)—AN INTRODUCTION TO THE MODERN CLASSIFICATION OF INSECTS; founded on the Natural Habits and comparative Organisation of the different Families. By J. O. Westwood, F. L. S. etc. 2 vols. 8vo. with numerous Illustrations, 21. 7s. cloth.**WILBERFORCE (W.)—A PRACTICAL VIEW OF THE PREVAILING RELIGIOUS SYSTEMS OF PROFESSIONED CHRISTIANS**, in the Higher and Middle Classes in this Country, contrasted with Real Christianity. By William Wilberforce, Esq. M.P. for the County of York. New Edition. 8vo. 8s. boards. 12mo. 4s. 6d. cloth.**WILSON.—THE LANDS OF THE BIBLE VISITED AND DESCRIBED.**
In an Extensive Journey undertaken with special reference to the Promotion of Biblical Research and the Advancement of the Cause of Philanthropy. By John Wilson, D.D. F.R.S. Honorary President of the Bombay Branch of the Royal Asiatic Society, etc. 2 vols. 8vo. with Maps and numerous Illustrations, 11. 16s. cloth.**WILLOUGHBY (LADY)—SO MUCH OF THE DIARY OF LADY WILLOUGHBY** as relates to her Domestic History, and to the Eventful Period of the reign of King Charles the First, the Protectorate, and the Restoration (1635 to 1668). New Editions. Parts I. and II. Square folio. 8vo. each, boards; or 18s. each, bound in morocco, by Hayday.

* * * These two Volumes are printed, ornamented, and bound in the style of the period to which The Diary refers.

WOOD.—A PRACTICAL TREATISE ON RAILROADS,

And Interior Communication in General; containing numerous Experiments on the Powers of the Improved Locomotive Engines, and Tables of the comparative Cost of Conveyance on Canals, Railways, and Turnpike Roads. By Nicholas Wood, Memb. Inst. Civ. Eng. etc. 3d Edition. 8vo. with Plates and Woodcuts, 31s. 6d. cloth.

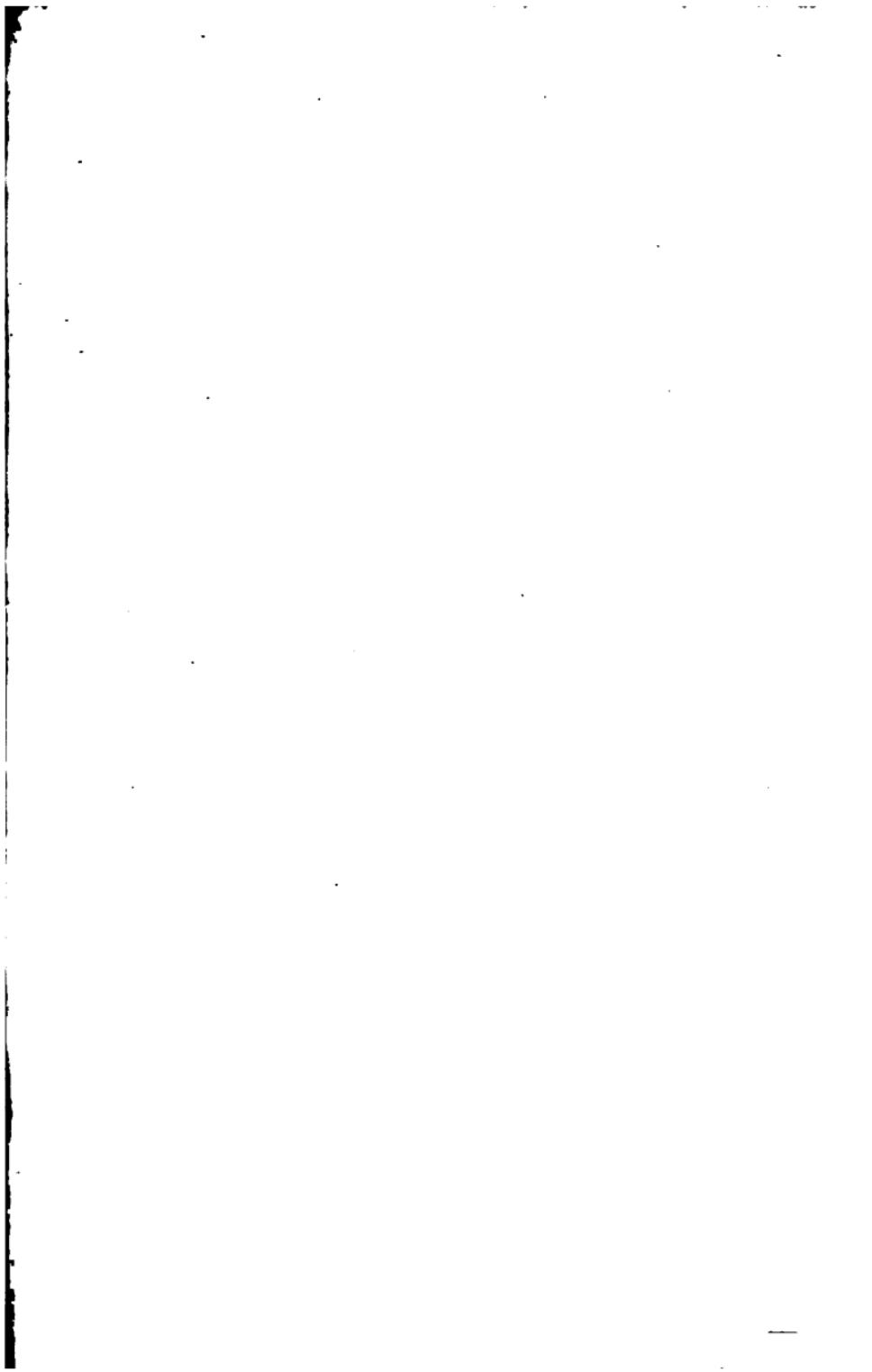
WOODWARD.—ESSAYS AND SERMONS.

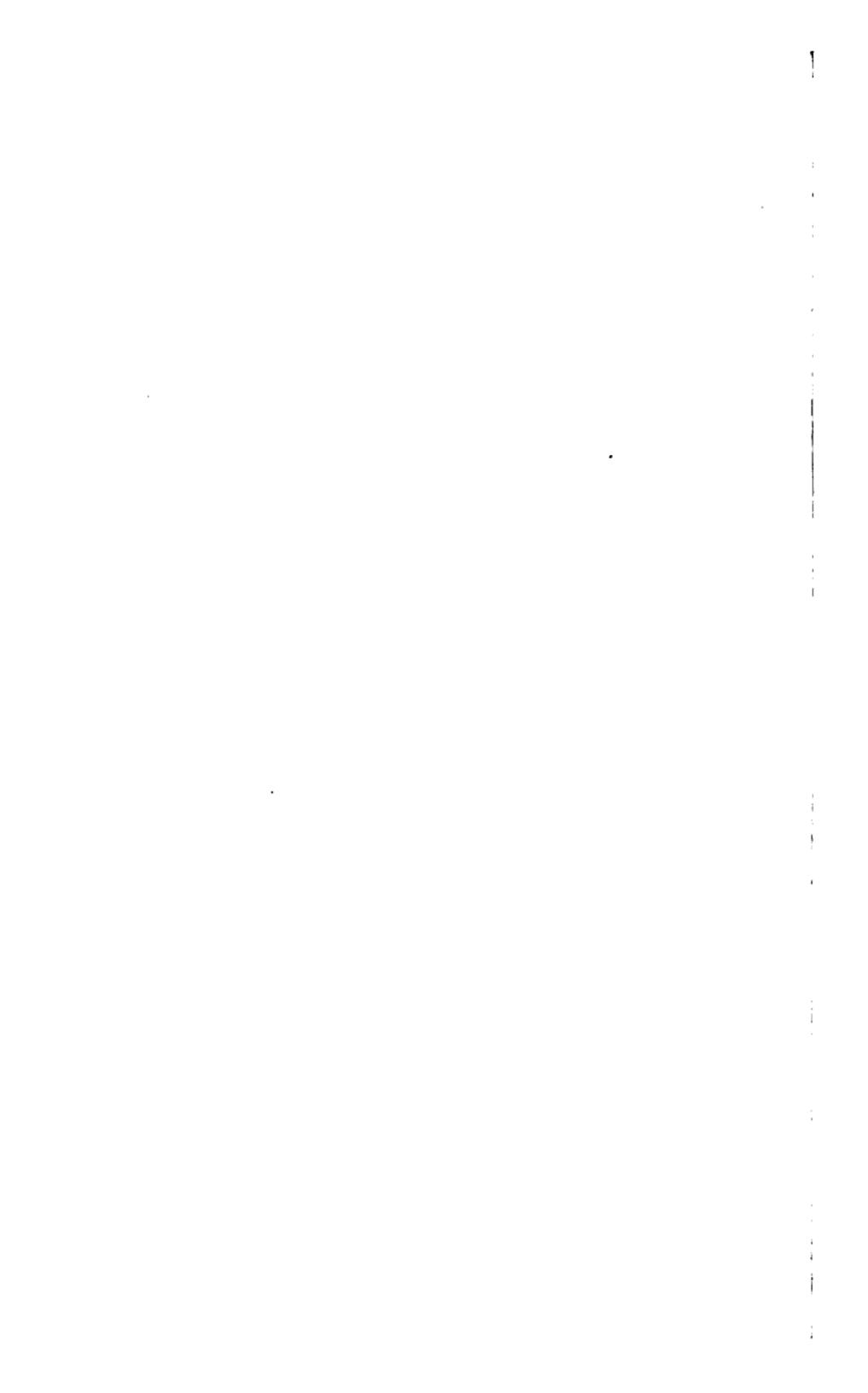
By the Rev. Henry Woodward, M.A., formerly of Corpus Christi College, Oxford, Rector of Fethard, in the Diocese of Cashel. New Edition. 2 vols. fcap. 8vo. 14s. cloth.

ZUMPT (PROF.)—A GRAMMAR OF THE LATIN LANGUAGE.

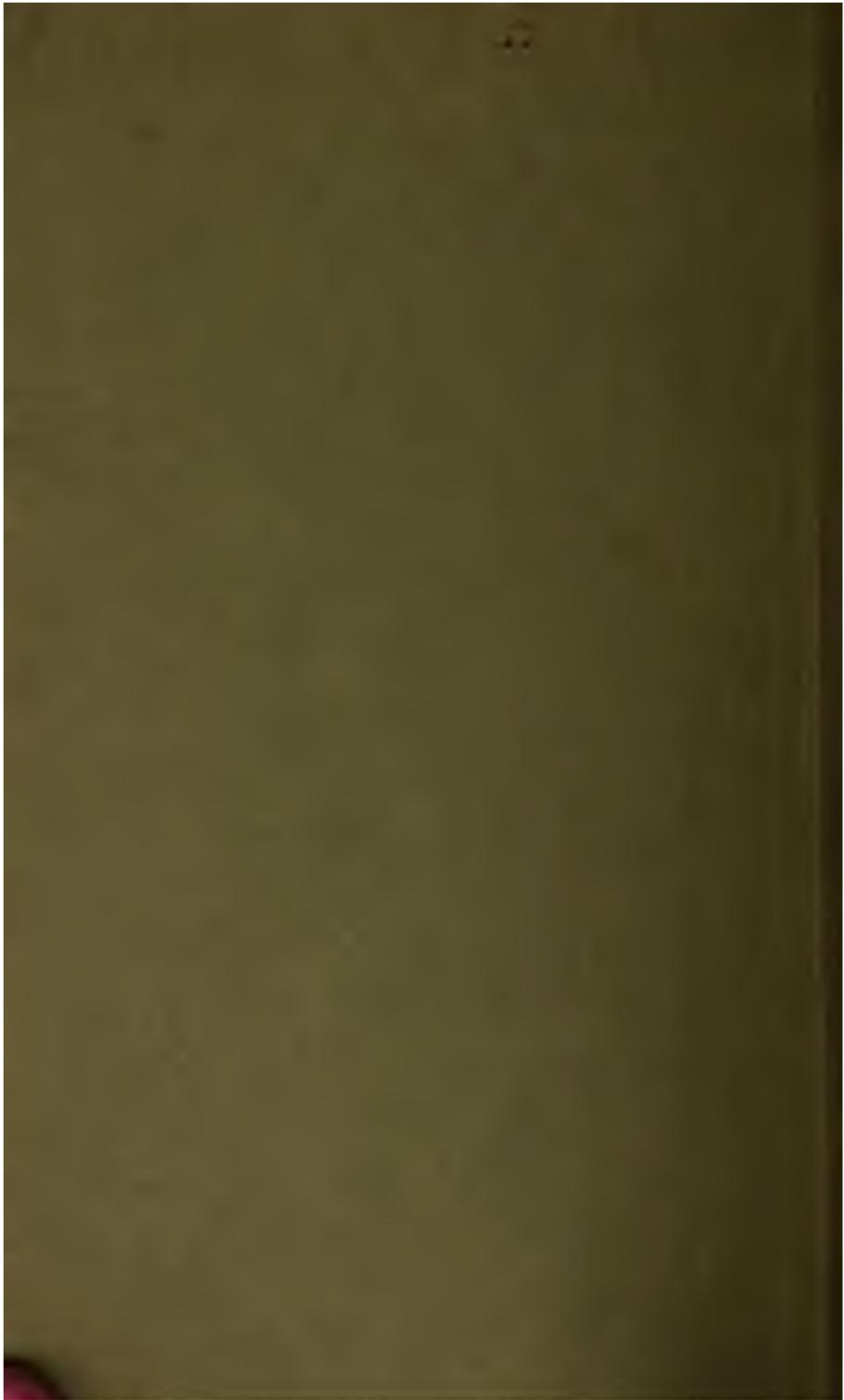
By C. G. Zumpt, Ph. D. Professor in the University, and Member of the Royal Academy of Berlin. Translated from the 9th Edition of the original, and adapted to the use of English Students, by Leonhard Schmitz, Ph. D., Rector of the High School of Edinburgh; with numerous Additions and Corrections by the Author. New Edition. 8vo. 14s. cloth.

[February 28, 1849.





1. *What is the best way to get rid of a dead body?* (100 points)



NOV 23 1937

